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**agis**



**User's Manual**

**agisNavigator**  
Version 2.0

**2 July 2007**

# What's new in this version?

## Easy Access Menu



## 3-D Navigational View



## Quick Access Menu



## Night Mode



### Enhanced Routing

agisNavigator

**ROUTE PLANNER**

Start: PEMIMPIN [577203]

End: MARINE COVE LINK

Route Options: Shortest Time

Auto Reroute

Playback

### What's Nearby

agisNavigator

**WHAT'S NEARBY**

Range: Nearest Search

Result: 2 items found

Amenities

- BUILDING
- BUSSTOP
- GOLF
- HDB

Landmark Name	Dist
,54,74,74A,851,852,	226 m
ASIAN GOLF ACADEMY	1096 m

### Waypoints Manager

agisNavigator

**POINT MANAGER**

Display: Favorites List

Cat: All

- golden hill est [16 li hwan dr] [557050]
- north oaks condo 30 [30 woodlands e
- marine cove link
- aps ind bldg [49 jln pemimpin] [577203]

Up

Dn

Add Delete Edit View Nearby End

### Auto GPS Connection

agisNavigator

**GPS Connection**









Auto-Detect  User-Defined

Port: Serial Cable on BT port:(CO







Baud rate: 9600

Cancel









# Quick Reference

ICON	DESCRIPTION	FUNCTION
	<b>Map View</b>	View and plan in the Navigation Map
	<b>Planner</b>	Planning navigation route based on two selected points
	<b>Search</b>	Search for a location based on address or layer search
	<b>My Points</b>	Listing of stored favorite locations
	<b>Settings</b>	Change various application settings
	<b>Directory</b>	Business directory listing
	<b>About</b>	Includes User Guide, Listing Abbreviations and about Agis Pte Ltd
	<b>Exit</b>	Exit application

## Map View Toolbar Icons







	<b>Main Menu</b>	Return to main menu
	<b>Zoom In</b>	Zoom in on map
	<b>Zoom Out</b>	Zoom out of map
	<b>Zoom Extents</b>	Zoom out to show outline of city / country
	<b>Route Planner</b>	Quick access to route planner menu
	<b>GPS Connection</b>	Connect to GPS / Disconnect from GPS

## Quick Access Menu








	<b>Navi Off</b>	Switch on / off Navigation Mode
	<b>Centre On GPS</b>	Set centre of the map screen to current GPS position
	<b>Night Mode</b>	Toggle between Night and Day mode
	<b>2D Mode</b>	Toggle between 2D and 3D navigation view
	<b>Search</b>	Quick access to Search
	<b>Nearby</b>	Quick access to What's Nearby search
	<b>Traffic Info</b>	Live Traffic information (not available yet)
	<b>Show Trace</b>	Traces the journey traveled

---

## Settings

	<b>Quick Set</b>	Quick set of map view screen
	<b>Navi</b>	Customize the map view display
	<b>Audio</b>	Configuring the audio settings
	<b>Map</b>	Switching to other maps loaded onto device
	<b>Reset To Factory</b>	Restore factory settings
	<b>Main Menu</b>	Return to main menu

## Quickset Menu

	<b>Heading Up</b>	Keep navigation arrow pointed upwards during navigation
	<b>Night Mode</b>	Toggle between Night and Day mode
	<b>Show Annotation</b>	Show roads and buildings name
	<b>Show POIs</b>	Show Points-Of-Interest on map
	<b>Show Scale</b>	Show approximate scale ratio
	<b>Show Compass</b>	Show compass
	<b>Simulate</b>	Simulate the planned route

---

# Background

## About agisNavigator



**agisNavigator** is a digital street directory, which allows you to display maps on your Personal Digital Assistant. The main window in **agisNavigator** is the map screen. Located at the bottom of the screen are the map toolbar and quickset menu. The toolbar provides zooming and panning capabilities to facilitate map navigation. Waypoints, with text labels, can be created to mark specific positions of interest on the map. Map features can be located through a simple query by keyword, after which, they are reflected in the map window.

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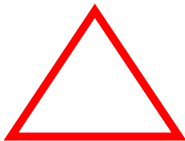
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## Caution

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Caution set out in this manner indicates that failure to follow instructions might result in loss of lives.



Caution set out in this manner indicates that failure to follow instructions might result in damage to equipment, loss of data or malfunction of the system.

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### Abbreviations:

PDA	Personal Digital Assistant
GPS	Global Positioning System
SMS	Short Message Service
NMEA	National Marine Electronics Association
WP	Way Point

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# Disclaimer

## **agis** LICENSE AGREEMENT

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## Safety Information

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### **Warning!**

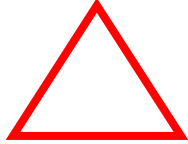
**For safety, user should not operate this system while driving or in motion. User shall be responsible for his/her own safety and adhere to all traffic rules and regulations at all times. Map data are updated periodically and user shall exercise good judgment when using the system for map guidance.**

**Asia GIS Private Limited shall not be liable for any loss or damage caused by the usage of the system.**

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# Important Information

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1. **agisNavigator license is specific to your Personal Digital Assistant (PDA) and PDA phones and it is not transferable.**
  2. In the event of an **upgrade of PDA** (within 3 months), user can bring in their old and new PDA. We will enable the transfer of AgisNavigator to the new mobile phone. **Administrative charges will apply.**
  3. The **serial number** provided with the AgisNavigator is for installation on a **single PDA only**. Please keep it at a safe location. **Asia GIS Private Limited** will not be liable for misplace or misuse of the **serial number**.
  4. When **agisNavigator** program is lost due to **loss, damage or repair of PDA, Asia GIS Private Limited** will not be liable for a replacement. However, with supporting documents such as a police report or a repair invoice, replacement can be obtained on a case to case basis. **Administrative charges may apply.**
  5. As map data is always changing, **updates can be purchased** from our website [www.asiagis.com.sg](http://www.asiagis.com.sg).
  6. **agisNavigator** has been fully tested on a limited range of PDA in a given time frame. As PDA specification varies among models and/or batches, **Asia GIS Private Limited** will not be liable for any **incompatibility issue**.
-

## 1.0 Getting Started



The **agisNavigator** 2.0 is an advanced and intelligent information system that harnesses the cutting edge technology of Global Positioning System (GPS) and Geographical Information System (GIS) to provide detailed street level navigation system.

**agisNavigator** 2.0 is developed for PocketPC, Windows Mobile 2002/2003/2005, and Windows Mobile 5.0.

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The map data can be purchased at [www.asiagis.com.sg](http://www.asiagis.com.sg)

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In this section, you will learn about:

- What are the system requirements?
- Installing the **agisNavigator** 2.0
- Starting **agisNavigator** 2.0

## 1.1 What are the system requirements?

- PDA
  - PocketPC 2002 or Windows Mobile 2003 and 2005 or Windows Mobile 5.0
  - Memory size of about
    - Application 5MB
    - Singapore 15MB
    - Malaysia 20MB

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Please contact us to have an updated list of compatible PDAs.

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- Desktop or laptop
  - Pentium-class PC with Microsoft Windows Version 98, 98SE, 2000, ME or XP Operating System
  - 40MB of free disk space
  - CD-ROM drive
  - One available serial or USB port for ActiveSync
  - Microsoft ActiveSync 3.5 and above installed



Internet connection at the PC is required for online registration & software activation

---

## 1.2 Installing the **agisNavigator 2.0**

- Setup
  1. Install ActiveSync if it has not been installed on your computer.
  2. Connect the PDA cradle to the PC serial or USB port
  3. Place the PDA on the cradle and power on the PDA
  4. ActiveSync will initiate connection

---

When connecting the PDA to the PC for the first time, you will be prompted to install a driver from a CD provided with the PDA.

---

- Installation
  5. Insert **agisNavigator 2.0** installation CD
  6. Start **agisNavigator 2.0** installer.
  7. You have successfully installed **agisNavigator 2.0** onto the PDA.

### 1.3 Starting agisNavigator 2.0

When starting the **agisNavigator 2.0** for the first time, you will be brought to the load map screen. To load maps, follow the instructions below.



#### Loading map layers

1. Launch **agisNavigator** application.



- In the load file screen,
2. Select the desired Map layer.

*Recommended: Select the Map layer with the latest date.*

Next



Memory size and processor speed of PDA.

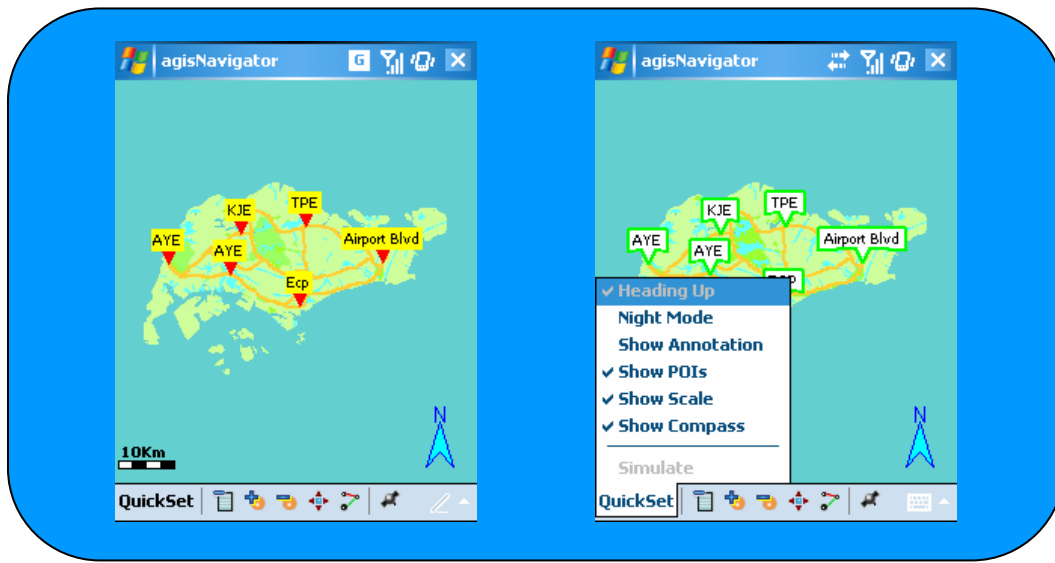


Loading large maps slows down the processing speed of the PDA. At times, PDA might hang due to overloading. You will have to perform a soft reset when this occurs. Please refer to the PDA manual for instructions to perform a soft reset. **DO NOT** perform a hard reset as all data and program will be lost.

## 2.0 Using agisNavigator 2.0

Now that you have installed **agisNavigator 2.0** on your PDA, you are ready for the experience of a life-time.


### 2.1 Map Viewer



#### QuickSet Menu


<b>Heading Up</b>	Keep navigation arrow pointed upwards during navigation
<b>Night Mode</b>	Toggle between Night and Day mode
<b>Show Annotation</b>	Show roads and buildings name
<b>Show POIs</b>	Show Points-Of-Interest on map
<b>Show Scale</b>	Show approximate scale ratio
<b>Show Compass</b>	Show compass
<b>Simulate</b>	Simulate the planned route

## Zoom In

Tap the **Zoom In** button  and the map will zoom in by a fixed scale.


---

## Zoom Out

Tap the **Zoom Out** button  and the map will zoom out by a fixed scale.


---

## Zoom Extent

Tap the **Zoom Extent** button  and the map will zoom out to show the outline of the selected country.

---

## Route Planner

Tap the **Route Planner** button  for quick access to the route planner menu for navigation.

---

## Pan

Use the stylus and drag over the map window to do a pan operation. The panning operation include

[Pan Left](#) – move to the further left of the map

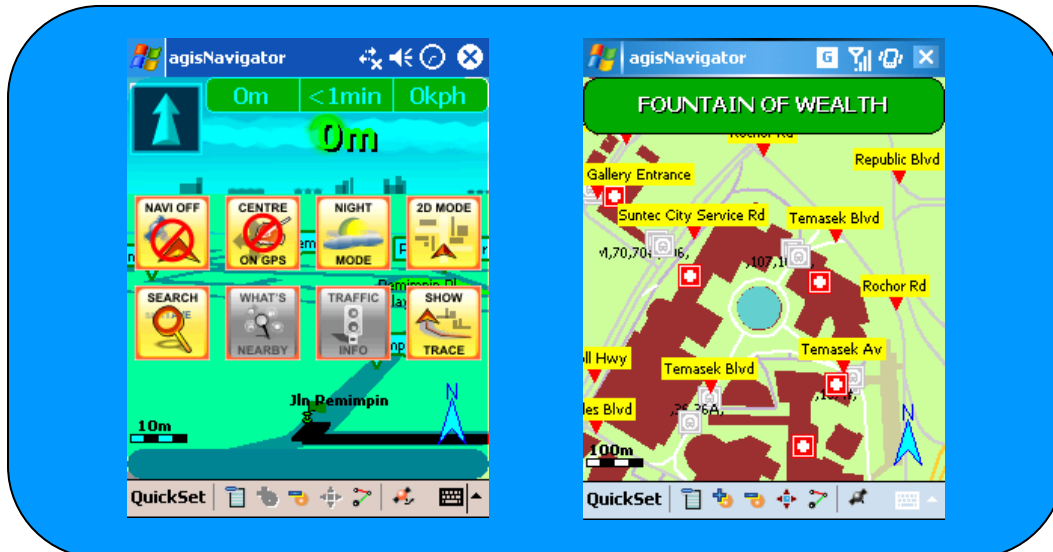
[Pan Right](#) – move to the further right of the map

[Pan Up](#) – move to the upper portion of the map

[Pan Down](#) – move to the lower portion of the map

## Select Feature

The **Select** feature allows user to select a desired location on the map and display the name of the location.

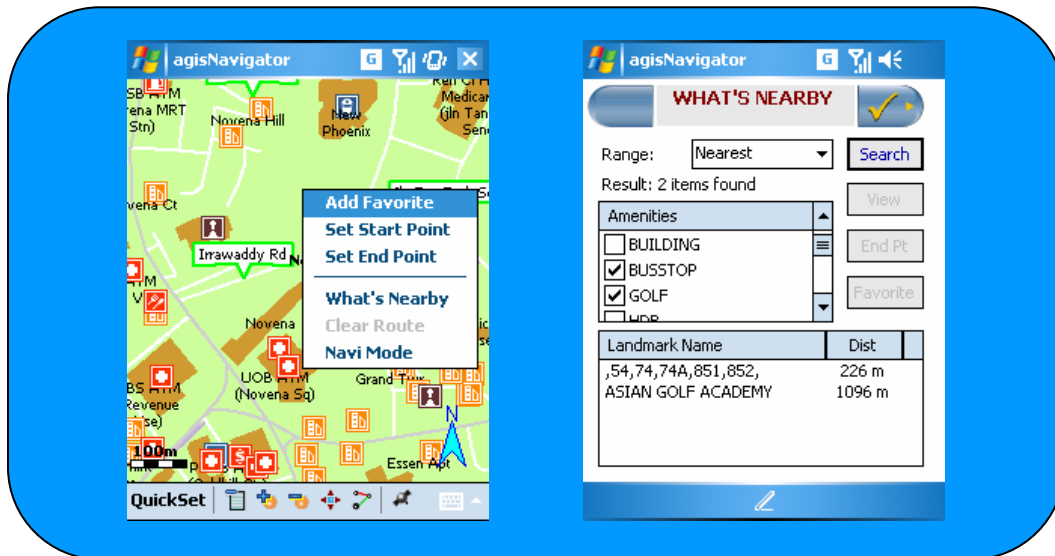



1. Make sure that the “Navi Off” if it is in the navigational mode.
2. The map will return to the 2-D view.
3. Use the stylus and tap on the place of interest to view the name. The name of the selected location would be displayed at the top of the screen.

Refer to “**3.3 Quick Access Menu and Pop-Up Menu**” for more options of using the map view.

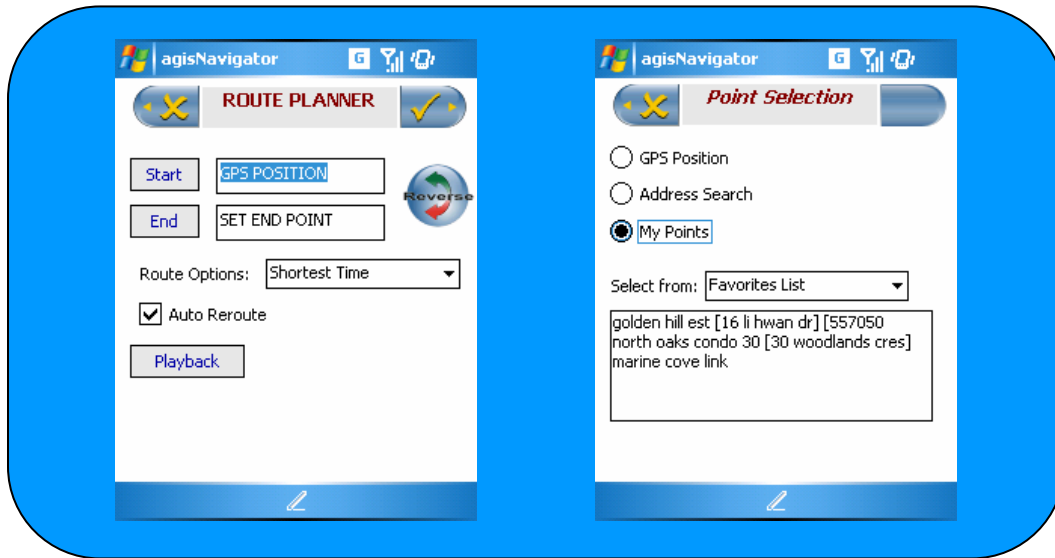
## What's Nearby

The **What's Nearby** feature allows the user to search for nearby amenities in the vicinity of the current screen location.



1. Tap a location on the map and hold the stylus down for about 2 seconds.
2. Select **What's Nearby** from the pop-up menu.
3. Select the **Search Range** from the drop-down list. This is the area that you want to search around the selected location.
4. Select one or more **Amenities** to search for by checking the checkbox besides the Amenity.
5. Tap **Search** to start searching.
6. The result of the search will be listed. (If no result is found, the list will be empty.)
7. To view an item on the map, tap the item's name to select it. Tap the **View** button to go to the map view. The location would be displayed in the map viewer.
8. To search again, repeat Steps 3 to 5.
9. To exit, tap .

## 2.2 Planner



This allows the user to plan a route between 2 locations on the map.

In order to perform a route computation, a start location and an end location must be selected.

### Set Start Position

Tap on **Start** to select the start location from 3 different choices:

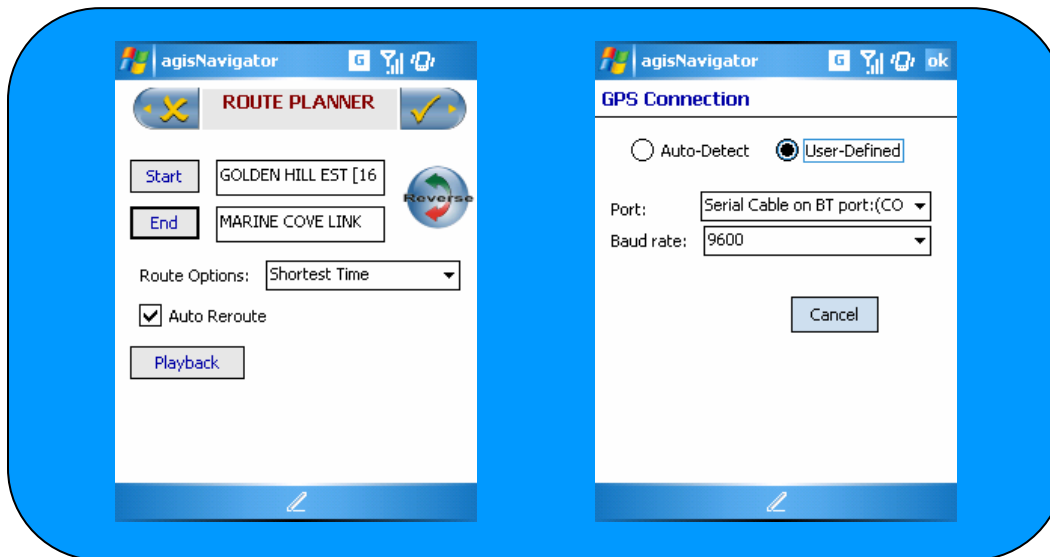
<b>GPS Position</b>	If there is a GPS device available, the start position will be at the GPS location.
<b>Address Search</b>	Access to the search menu for address lookup.
<b>My Points</b>	Choose from your previously saved favourites.


### Set End Position

Similarly, tap on **End** to select the end location from 3 different choices:

<b>GPS Position</b>	If there is a GPS device available, the start position will be at the GPS location.
<b>Address Search</b>	Access to the search menu for address lookup.
<b>My Points</b>	Choose from your previously saved favourites.

## Computing the Route




1. After selecting the Start and End locations, user can select the routing method (either Fastest or Shortest route from the “Route Options”).
2. Leave the “Auto Reroute” checked to allow automatic rerouting towards the set destination should the user travel onto the wrong route.
3. Tap  on the right of “ROUTE PLANNER” to start the route computation.
4. The application will then show the “GPS Connection” menu and prompt the user to connect to an external / internal GPS device
  - **Auto-Detect mode:** Select this if you are not sure which COM port your GPS device is connected to.
  - **User-Defined mode:** User can manually select the desired COM port.
5. Once the GPS is connected and upon after a route plan is established, the application will show the recommended route in the Navigation menu.
6. If the user does not have an internal/ external GPS device available, the user can “Cancel” out of GPS Connection menu and the application will show then show the navigation menu. User can then simulate the routing by tapping on the “QuickSet” then “Simulate”.

### Note:

- To perform another route computation, return to the main menu then go into Planner menu.
- If a GPS device is connected and the user travels along the recommended route, voice turning instructions will be given at the 500m, 200m junctions and before the junction itself. In addition, turn directions will be clearly displayed on the map screen.

## Reverse Position Setting

Tap **Reverse**  to reverse the starting and destination points.

---

## Route Options

The Route Options drop down list allows user to choose:

- Shortest Time
  - Shortest Distance
- 

## Auto Reroute

If GPS connection is lost or should the user miss a turn, the Auto Rerouting will automatically re-plan a route path for the user.

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## Playback Functions

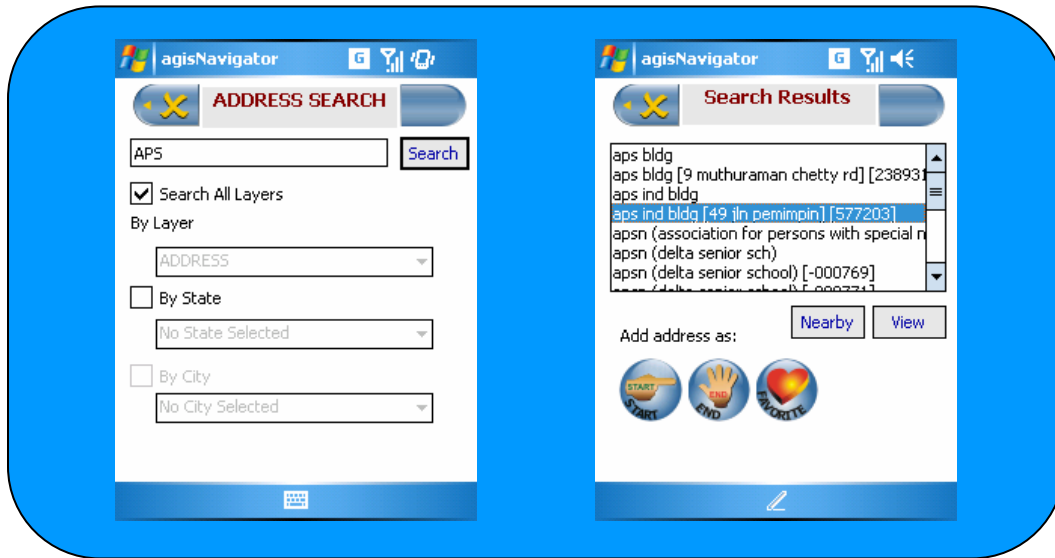
The Playback functions allow the user to load previous “Traced” route and run a simulation of the route path.

---

## Return To Main Menu

Click on  located at the left of the “ROUTE PLANNER” to exit to Main Menu.

## 2.3 Search



### Search All Layers

All search are default to search all unless the user uncheck the box

#### ***By Layer***

- User can choose to do selective search by specifying the category i.e. Address, ATM, Bank, Building, Bus Stop etc.

#### ***By State***

- The search can be sped up considerably should the country have several states.

#### ***By Cities***

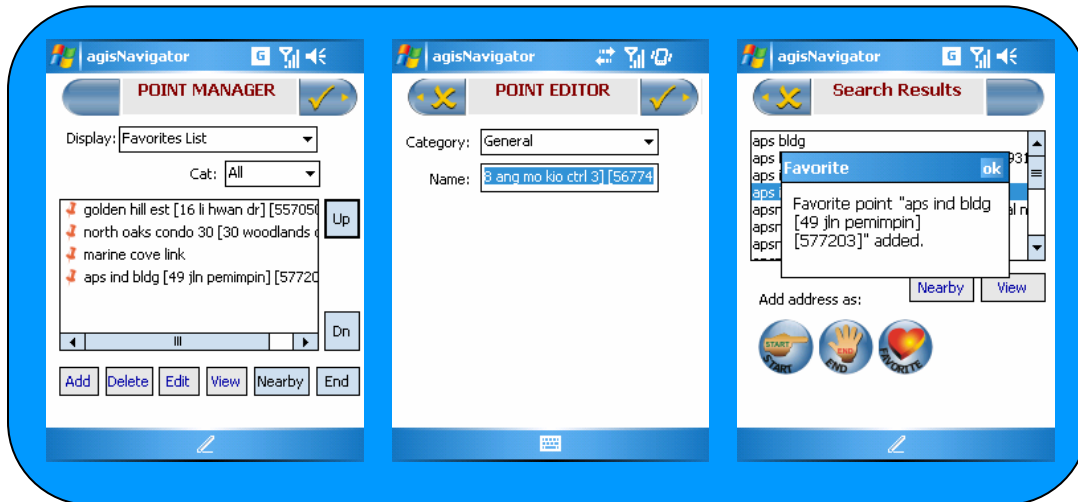
- The search can be sped up considerably should the country have several cities.

#### **Note:**

From the returned result, user can

- View the location via map view
- Look for What's Nearby of the address
- Set Start / End for Navigation purposes
- Add to Favourite list


## 2.4 My Points (Waypoints)





### Adding Waypoints

There are several methods to add waypoint to the default waypoint file.


#### **First Method: Via Point Manager**

1. From Point Manager Menu, tap the **Add** button.
2. User will be brought to the Search Menu (refer to section 2.3 Search) for details.
3. Once the results are displayed, user can tap  to create a new waypoint.

#### **Second Method: Via Navigation Map**


1. From the map view, tap and hold the stylus over the desired location for about 2 seconds.
2. Select **Add Favourite** from the pop-up menu and a new waypoint will be created with a default icon.
3. The application will then show the "Point Editor" menu. Change the naming convention if desired and tap  to save to favourite. Else tap  to exit.
4. The application will then return to the map viewer window.

#### **Third Method: Via Location Search**

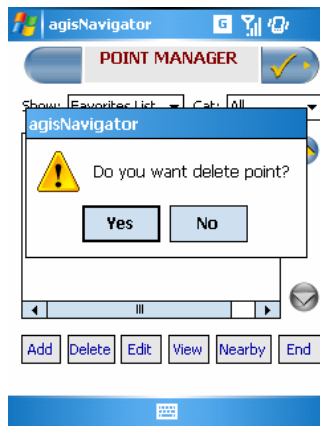
1. Use the **Search** feature and look for the desired location. Once the results are displayed, user can tap  to create new waypoints.

## My Points > Add



1. Tap **Add**.
2. Address Search menu will show.
3. Search for desired address.
4. Tap  to add to favourite.


## My Points > Delete



1. Select the waypoints to be deleted.
2. Tap **Delete**.
3. Select **Yes** to delete the point.

## My Points > Edit



1. Select the waypoints to be edited.
2. Tap **Edit**.
3. Change the name of the waypoint to desired name from the text box.
4. Tap  to save the changes.

## My Points > View



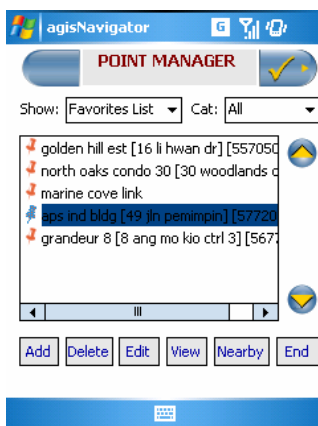
1. Select the waypoints that you wish to view.
2. Tap **View**.
3. The application will then show the selected favourite on the Map Viewer with a blinking red dot.



## My Points > End



1. Select the waypoints that you wish to view.
2. Tap **End**.
3. User will be brought to the Route Planner Viewer with the selected waypoint as destination.

## My Points > Move Up / Down





1. Select the waypoints that you wish to move.
2. Tap on either  or  to move the selected waypoint up / down the favourite list.

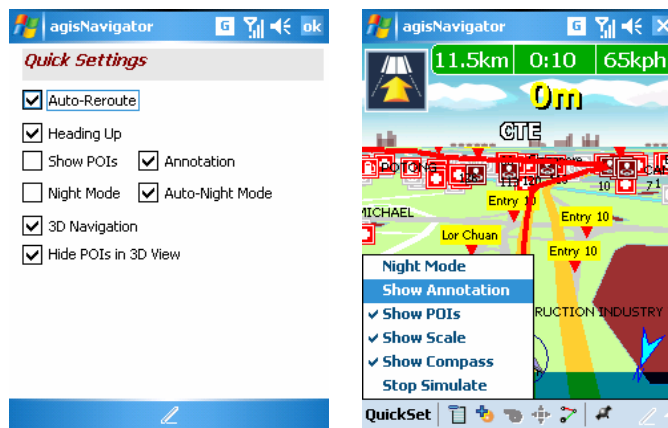
## 2.5 Settings



The **SETTINGS** menu allows the user configure various application settings.

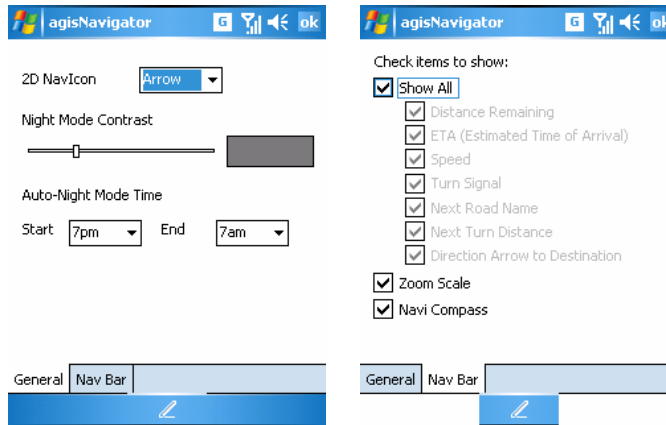
-  Restores the settings to factory default
-  Brings the user back to the Main Menu

### Quick Settings



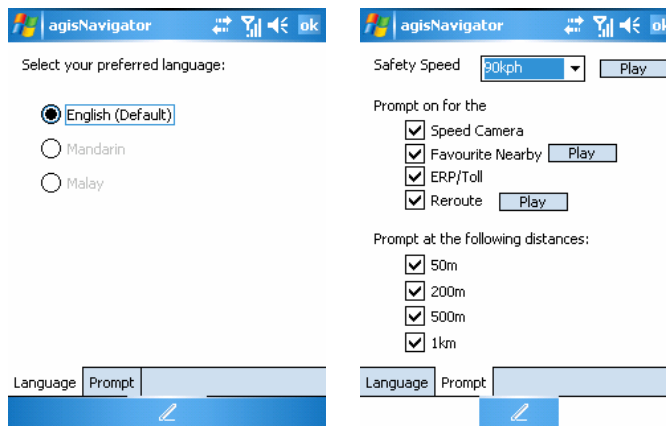
1. The **Quick Setting** menu provides users with the ease to configure the common settings for the map viewer.

## Navi



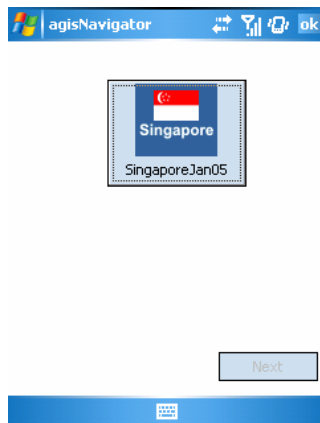
1. The **Navi** menu allows the user to configure the look and feel of the Map Viewer screen.

## Audio



1. The **Audio** menu allows the user to select the preferred language of instruction.
2. The user also have the option to enable / disable a prompt.

## Map

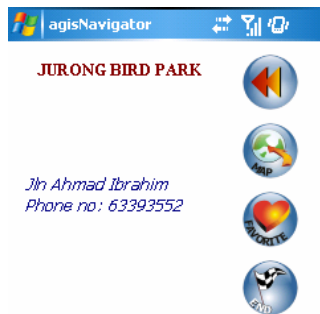






1. Allows the user to switch to another pre-loaded map.

## 2.6 Directory



1. Select the category of interest.
2. Use the **NEXT** and **PREV** buttons to go to next page to view more categories.
3. Use the **DONE** button to exit the Directory.

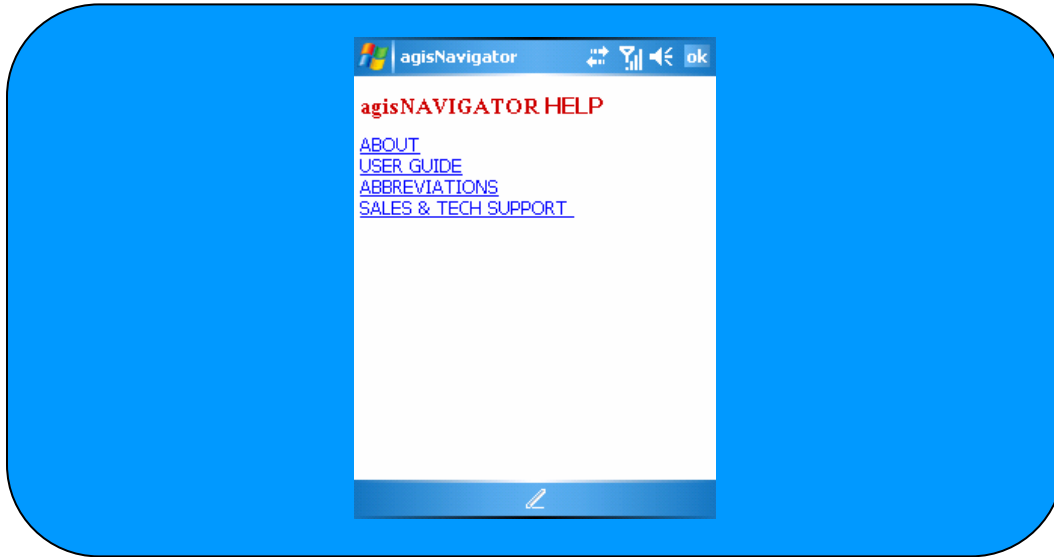


-  Allow user to go back to previous menu
-  Displays the location in the map viewer
-  Saves the location to the favourite list
-  Set location as a destination point



## 3.0 Additional Functionalities

### 3.1 Help Menu

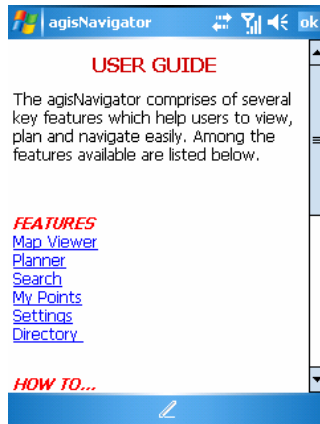


#### About



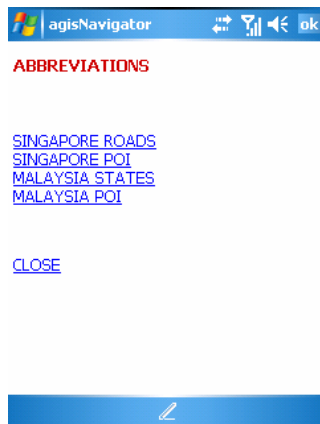
1. The ABOUT section describes about **agisNavigator** and Asia GIS Pte Ltd.

## User Guide



3. A quick and easy guide to using **agisNavigator**.

## Abbreviations



1. Abbreviations used in **agisNavigator**.

## Sales & Tech Support

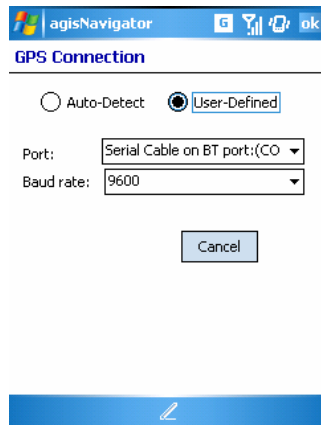



1. Contact information to upgrade or find out more about **agisNavigator** or other of the related product.

### 3.2 GPS Connection





#### Connect to GPS



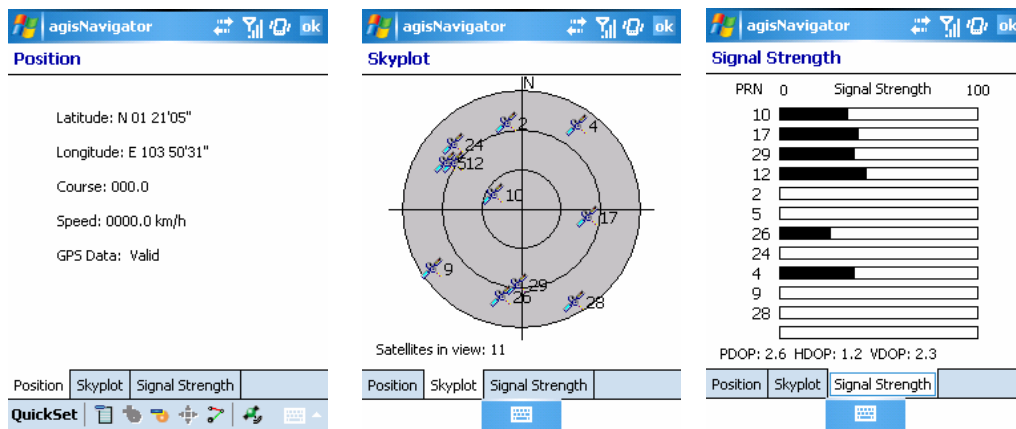
1. Tap on the  from the map viewer toolbar and the GPS Connection screen will show.
2. Select either "Auto-Detect" or "User-Defined" to connect.
3. If the latter is selected, manually define the "Port" and "Baud rate".
4. To cancel, tap the **Cancel** button.

## Disconnect GPS





1. Tap on the  from the map viewer toolbar again from the Navigation menu and the **On GPS** menu will display.
2. Tap on  to disconnect the GPS.

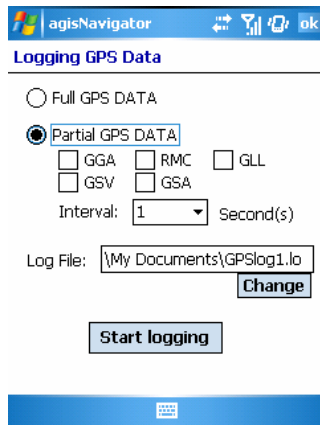
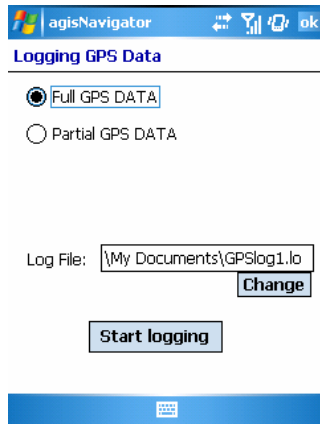
## GPS Status





Display GPS status information based on data received from the GPS receiver.

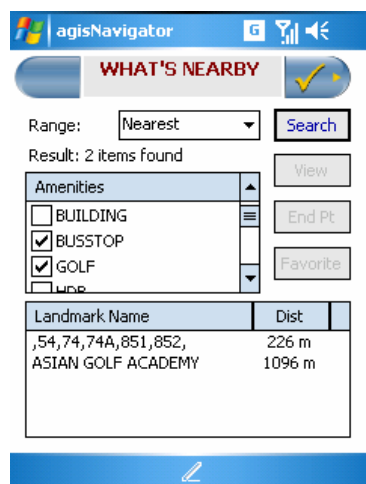
1. After a GPS connection is established, tap on the  from the map viewer toolbar to bring up the “On GPS” menu.
2. Tap  to display the GPS status information.
3. Tap the **Position** tab to view the current position information.
4. Tap the **Skyplot** tab to view the position of the satellites in the sky.
5. Tap the **Signal Strength** tab to view the signal level of signals received from the satellites.
6. To exit, tap **ok**.



## Log GPS Data



1. Tap on  from the Map Viewer toolbar and the “On GPS” menu will display.
2. Tap on  to bring up the logging GPS data Menu.
3. At the **Logging GPS Data** screen, select either
  - **Full GPS Data** logging or
  - **Partial GPS Data** logging.
4. The **Full GPS Data** logging option will log all NMEA data received from the GPS device.
5. The **Partial GPS Data** logging option allows selective logging from a choice of 5 predefined NMEA data types. The logging interval can also be selected.
6. A default filename for the GPS log file is displayed. To change this filename, tap the name to edit it directly or tap the **Change** button.
7. Tap the **Start logging** button to begin logging of GPS data.
8. To exit without logging, tap **ok**.

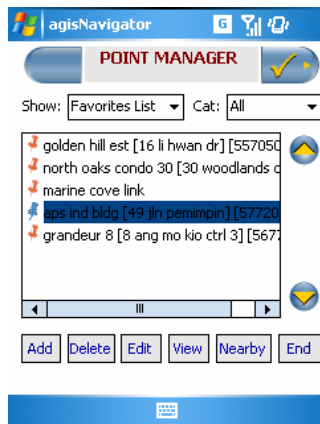
## Nearby





1. Tap on  from the Map Viewer toolbar and the “On GPS” menu will display.
2. Select  to view nearby amenities in the area.

For details, refer to Section 2.1 under “**What’s Nearby**”.

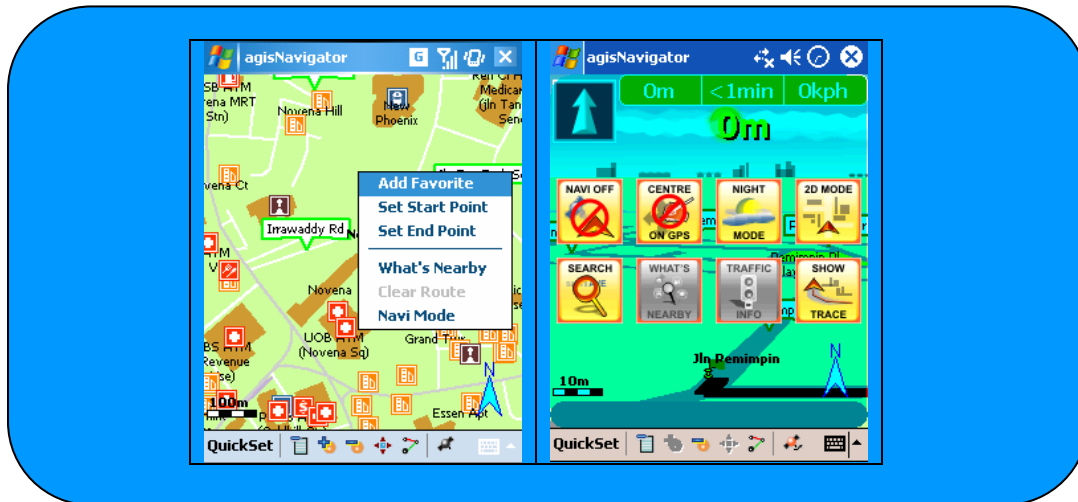
## Favourite



1. Tap on  from the Map Viewer toolbar and the “On GPS” menu will display.
2. Select  to save the current GPS location to the Favourite list.

Refer to section “**2.4 My Points (Waypoints)**” for detailed description.

### 3.3 Quick Access Menu and Pop-Up Menu



#### How to display the Pop-Up Menu

The Pop-Up Menu is accessible in the Map Viewer while in Map Mode (Navi Off). To display the Pop-Up Menu, tap a location on the map and hold the stylus down for about 2 seconds.

#### Pop-Up Menu > Add Favourite

Creates a new waypoint at the current map location

1. Tap a location on the map and hold the stylus down for about 2 seconds.
2. Select **Pop-Up Menu > Add Favourite** from the pop-up menu.
3. A new waypoint will be created at the current location and added to the current waypoint file.

#### Pop-Up Menu > What's Nearby

Allows the user to search for map items in the vicinity of the current screen location

1. Tap a location on the map and hold the stylus down for about 2 seconds.
2. Select **Pop-Up Menu > What's Nearby** from the map menu.
3. Select the **Search Range** from the drop-down list.
4. Select one or more type of **Amenities** to search for by ticking the checkbox beside the name of the Amenity.
5. Tap **Search** to start searching.

6. The result of the search will be listed.  
(If no result is found, the list will be empty.)
  7. To view an item on the map, tap the item's name to select it, and then tap the **Go To** button to go to the map view.
  8. To view all the listed items on the map at the same time, tap the **View All** button to go to the map view.
  9. To search again, tap the **Back** button. Then repeat Steps 3 to 5.
  10. To exit without selecting any item, tap **OK**.
- 

### **Pop-Up Menu > Clear Route**

Allows user to clear a present route

1. Tap a location on the map and hold the stylus down for about 2 seconds.
  2. Select **Pop-Up Menu > Clear Route** from the map menu.
- 

### **Pop-Up Menu > Navi Mode**

Allows user to switch to navigation mode

1. Tap on the map and hold the stylus down for about 2 seconds.
  2. Select **Pop-Up Menu > Navi Mode** from the map menu.
- 

### **Route Planning in the Map Viewer**


Allows the user to plan a route between 2 selected locations on the map

In order to perform a route computation, a start location and an end location must be selected.

#### ***Selecting the Start and End Locations***

1. Tap the intended start location of the route in the map view and hold the stylus down for about 2 seconds.
  2. Next, select **Pop-Up Menu >Set as Start Point** from the map pop-up menu to set this location as the start location.
  3. Alternatively, if no Start Point is selected, the default position will be set to current GPS position.
  4. Tap the intended end location of the route in the map view and hold the stylus down for about 2 seconds.
  5. Next, select **Pop-Up Menu >Set as End Point** from the map pop-up menu to set this location as the end location.
-

### **Computing the Route**

6. After selecting the Start and End locations, tap the  button to launch the Planner window.
7. Select the routing method (either Fastest or Shortest route).
8. Tap on the **OK** button to confirm your route and start computing your route.

#### **Note:**

- To perform another route computation, tap and hold the stylus down for about 2 seconds. Then select, **Clear Route** to clear the current route.
  - Then select the new Start and End locations.
  - If a GPS device is connected and the user travels along the recommended route, voice turning instructions will be given at the 1km, 500m, 200m junctions and before the junction itself. In addition, turn directions will be clearly displayed on the map screen.
- 


### **How to display the Quick Access Menu**

The Quick Access Menu is accessible in the Map Viewer while in Navigation mode (Navi On). To display the Quick Access Menu, tap anywhere on the navigation map.

---

#### **Quick Access Menu > Navi Off**



Allows user to switch from the Navigation Mode (Navi On) to the Map Mode (Navi Off)

1. Tap on the navigation map to display the quick access menu.
2. Tap **Navi Off**  on the quick access menu.
3. The Navigation mode will be switched off and you will be in the Map mode.

NB: To switch back to the Navigation mode, see “**Pop-Up Menu > Navi Mode**”



### Quick Access Menu > Centre On GPS

Allows user to switch off the Centre on GPS mode to enable user to pan the map while in Navigation mode

1. Tap on the navigation map to display the quick access menu.
2. Tap **Centre on GPS**  on the quick access menu.
3. The centre on GPS mode would be switched off and users can now pan the map.
4. To pan, tap and hold the map and drag towards the direction of pan.
5. To switch on centre on GPS mode, tap on the navigation map to display the quick access menu and then tap .



### Quick Access Menu > Night Mode / Day Mode

Allows user to switch between Night Mode and Day Mode

1. Tap on the navigation map to display the quick access menu.
2. Tap **Night Mode**  on the quick access menu.
3. Users can now view the map in night mode.
4. To switch back to the day mode, tap on the navigation map to display the quick access menu and then tap on the **Day Mode** .

### Quick Access Menu > 2D / 3D

Allows user to switch between 2D and 3D mode


1. Tap on the navigation map to display the quick access menu.
2. Tap **2D**  on the quick access menu to switch to 2D mode.
3. Users can now view the map in 2 dimension.
4. To switch back to the 3D mode (or vice versa), tap on the navigation map to display the quick access menu and then tap on the **3D** .

---

### Quick Access Menu > Search

Allows user to launch the Search tool

1. Tap on the navigation map to display the quick access menu.

2. Tap **Search**  on the quick access launch the Search tool.

Refer to “**2.3 Search**” for more details.

---

### Quick Access Menu > What’s Nearby

Allows user to launch the What’s Nearby Search tool

1. Tap on the navigation map to display the quick access menu.

2. Tap **What’s Nearby**  on the quick access launch the What’s Nearby search tool.


Refer to “**Pop-Up Menu > What's Nearby**” for more details.


---

### Quick Access Menu > Show Trace / Hide Trace

Allows user to enable the Show Trace feature

1. Tap on the navigation map to display the quick access menu.

2. Tap **Show Trace**  on the quick access to enable the Show Trace.
3. Users can now view a trace of the journey they have traveled and re-trace their route later.
4. To hide the trace, tap on the navigation map to display the

quick access menu and then tap on the **Show Trace**  to disable the feature.

---

## APPENDIX A – Troubleshooting

<b>Installation error</b>		
<b>Error Message</b>	<b>Cause</b>	<b>Solution</b>
No license file is found.	> incomplete installation > license file was deleted	>Do a license repair
License is illegal.	> license file is corrupted	> Do a license repair
The license is not for this PDA.	> installation serial number is registered under another device	> Purchase new serial number
The license file is invalid.	> wrong version	> Contact us
<b>Routing error</b>		
<b>Error Message</b>	<b>Cause</b>	<b>Solution</b>
Limit Exceeded	>resource exceeded	> Re-route via fastest option > Shorten route
At least one selected point is outside routing area!	>missing rtl file >invalid routing start/end point	> Reinstall > Select a start/end point on a valid road
route.bin not found	>missing bin file	> Restart application, if not > Reinstall