

QUICKSTART GUIDE

PTV NAVIGATOR FOR ANDROID



WELCOME!



The truck navigation system from logistic experts PTV not only knows the route restrictions relevant to your vehicle type, it also finds the best truck routes, guiding you economically and safely to your destination - considering current traffic if you wish.

With the Quickstart Guide you will get an introduction to the features and functions of the PTV Navigator.

How to purchase the full version and the traffic license will be explained on paragraph 18 and 19.

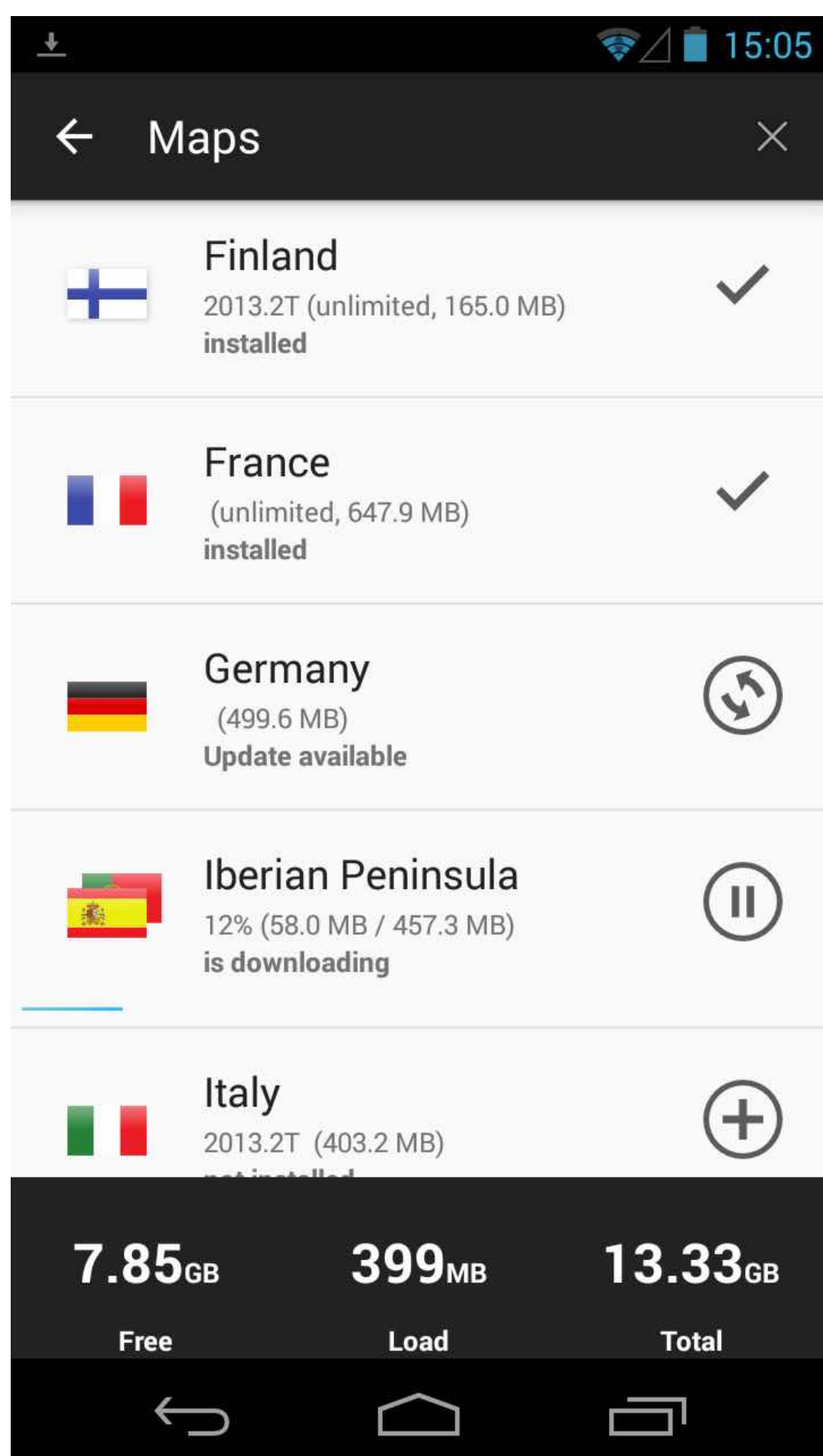
Please consider that not all features may be available with your installed version. Depending on your source of purchase and which version you have, functions like live traffic will not be part of your purchased license.

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MAP DOWNLOAD
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1. INTIAL START/ MAP-DOWNLOAD



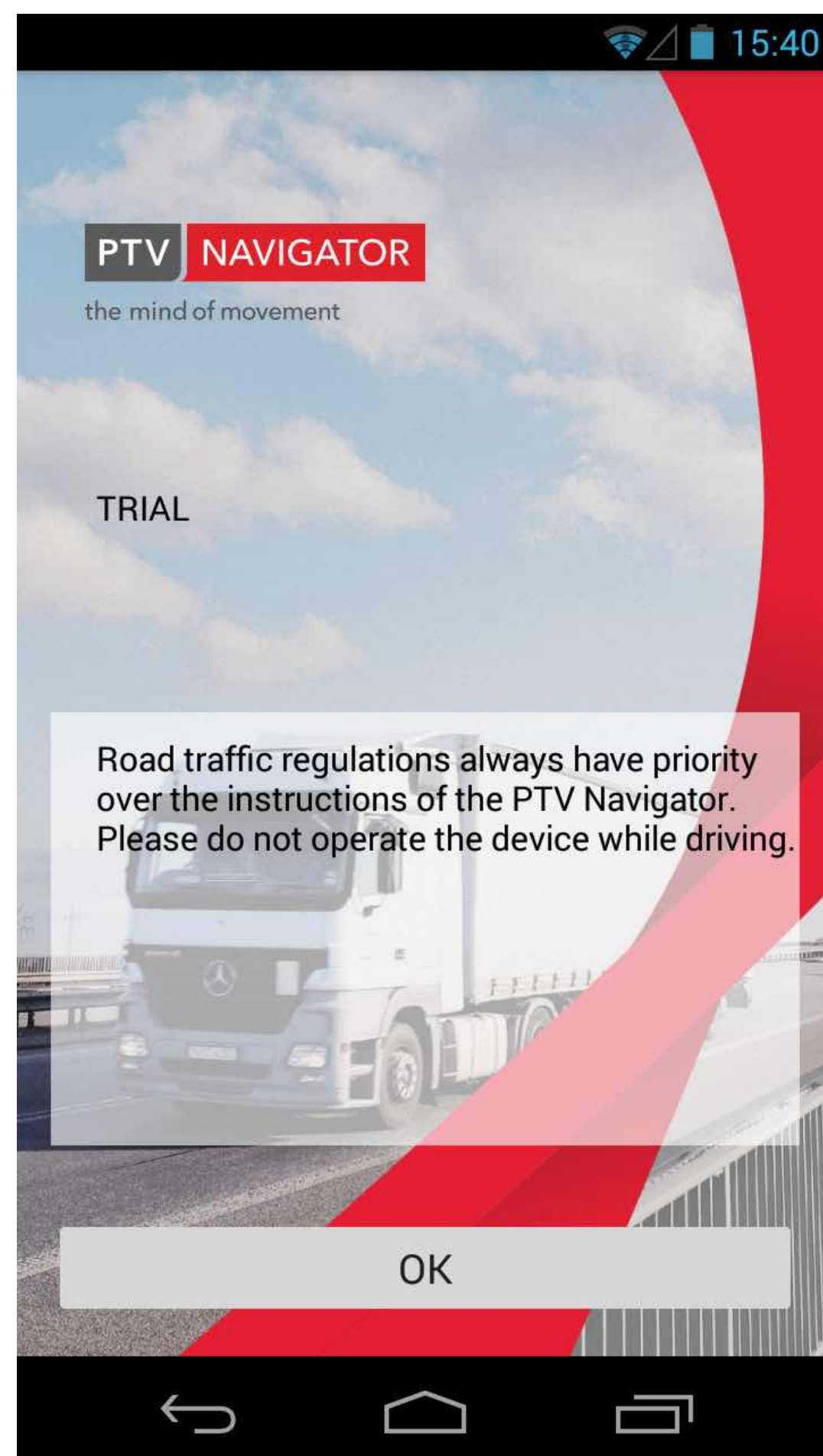
After initial start the map download is displayed.

Tap on ⊕ to download a map. After at least one download is finished tap on X or < to enter the intro screen.

In order to start a download make sure you are connected to a Wi-Fi-network.

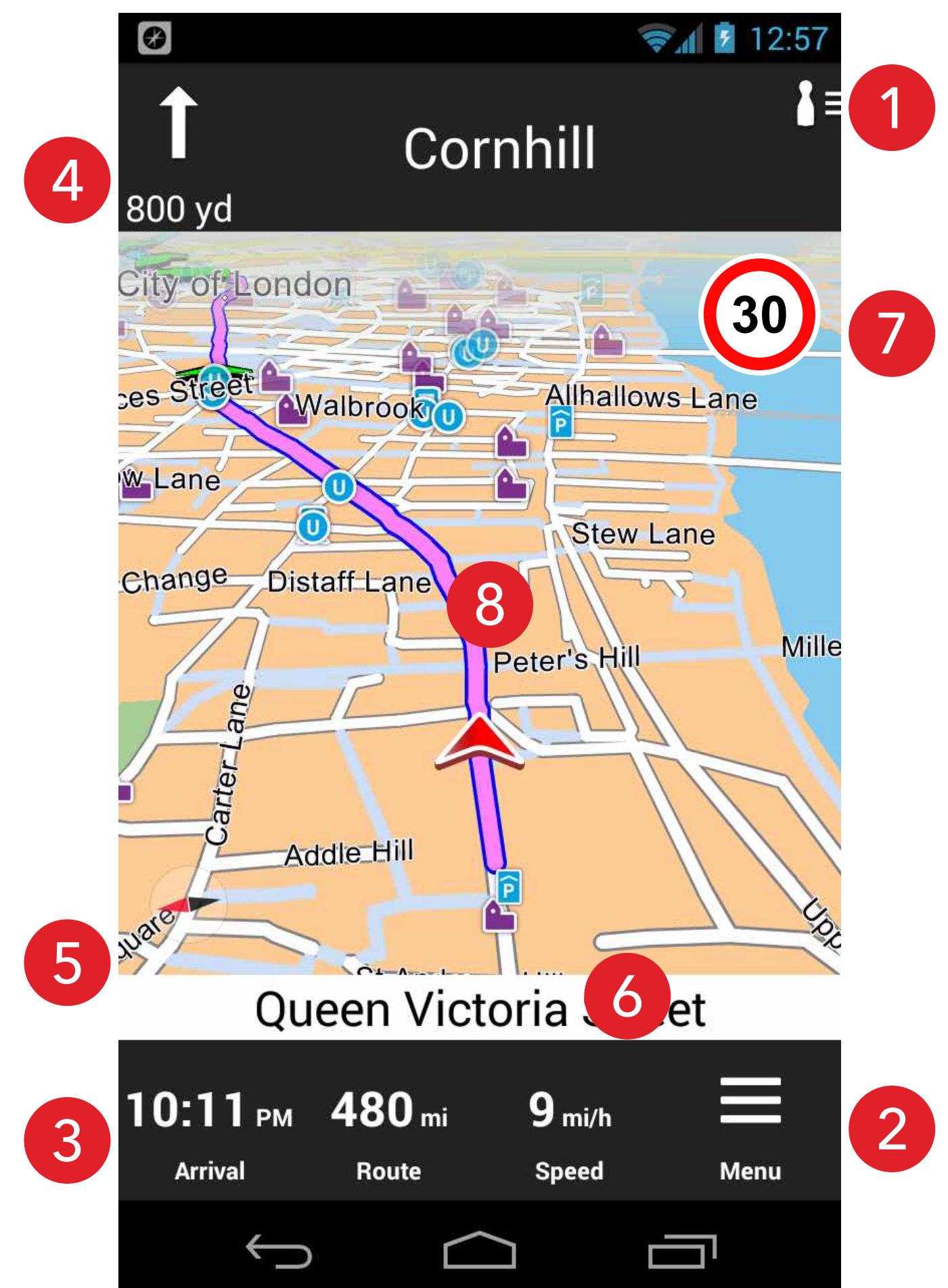
Hint: For a routing between two countries make sure the package **Main European roads** is downloaded.

2. INTROSCREEN

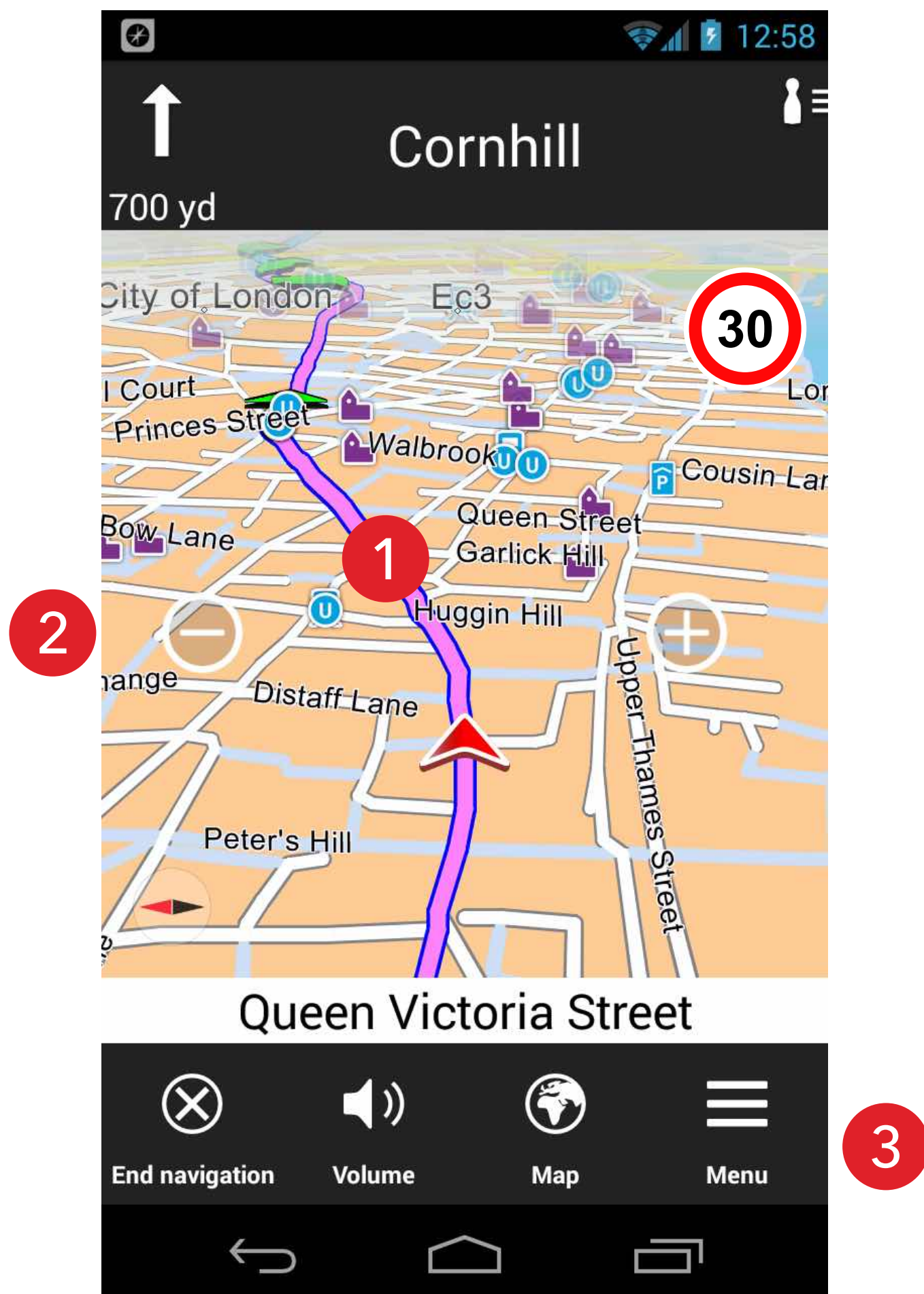


Please read the drivers warning thoroughly and accept it with a tap on OK to enter the navigation screen.

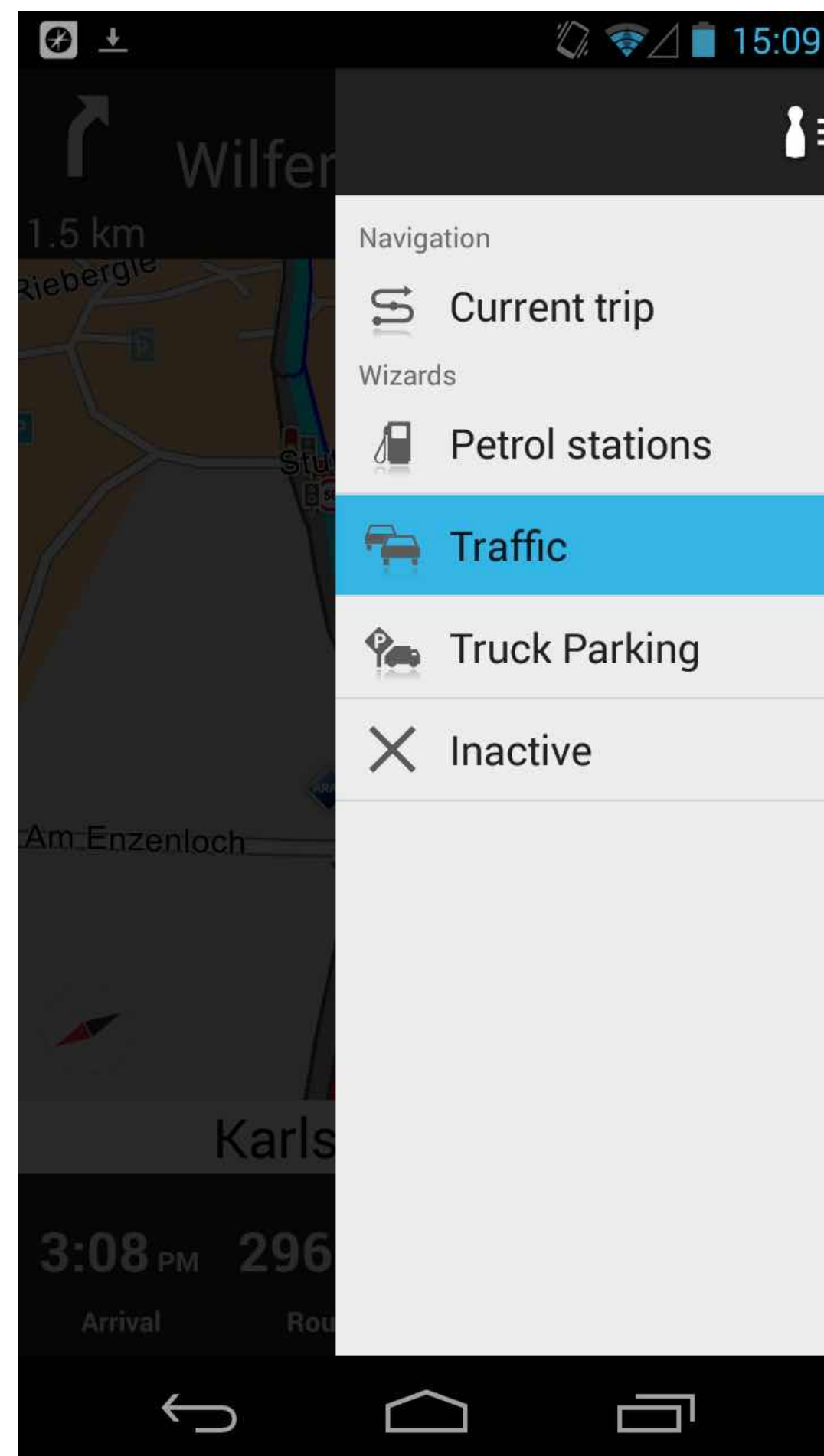
3. MAP VIEW STANDARD




1. **Assistants**
2. Display Menu
3. Customisable information fields: elevation, route, arrival, duration and speed (in order to customise the displayed information, just tap on one field and choose the desired information)
4. Next maneuver with distance and detailed information
5. Compass: switch between north alignment or driving direction
6. Current streetname
7. Allowed speed with notification in case of overspeeding (configurable)
8. One tap on the map will display additional options on the bottom

4. MAP VIEW AFTER A TAP
ON THE MAP

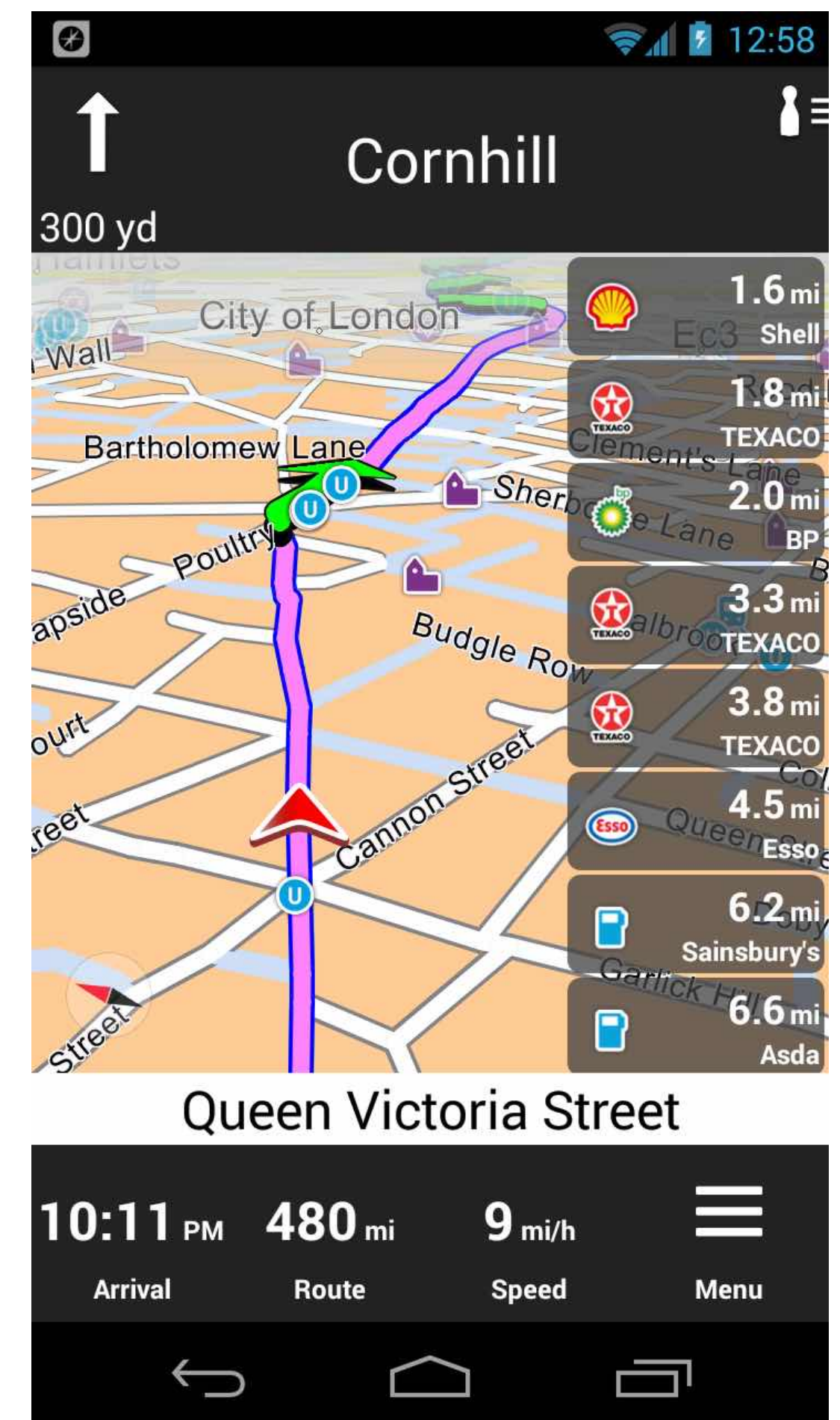
1. One tap on the map displays the following controls:
2. Zoom-buttons on the map
3. On the menu bar:
 - End navigation (only while navigating)
 - Volume
 - Map
 - Menu

5. SPLITSCREEN
ASSISTANT I

The assistant allows you to easily spot and select gas stations or truck parkings along the route and to add them as a waypoint. Display traffic information and avoid traffic with the traffic assistant. Furthermore you can show and plan trips (further information on paragraph 11)

The assistant can easily be activated through tapping either on the assistant symbol on the top right corner , or by swiping from the right edge of the screen to the middle.

Please note: the assistant will only be visible and usable during navigation.

6. SPLITSCREEN
ASSISTANT II


In order to add a station as a waypoint you will first need to select it.



The selected station will now be highlighted and shown in relation to the route.

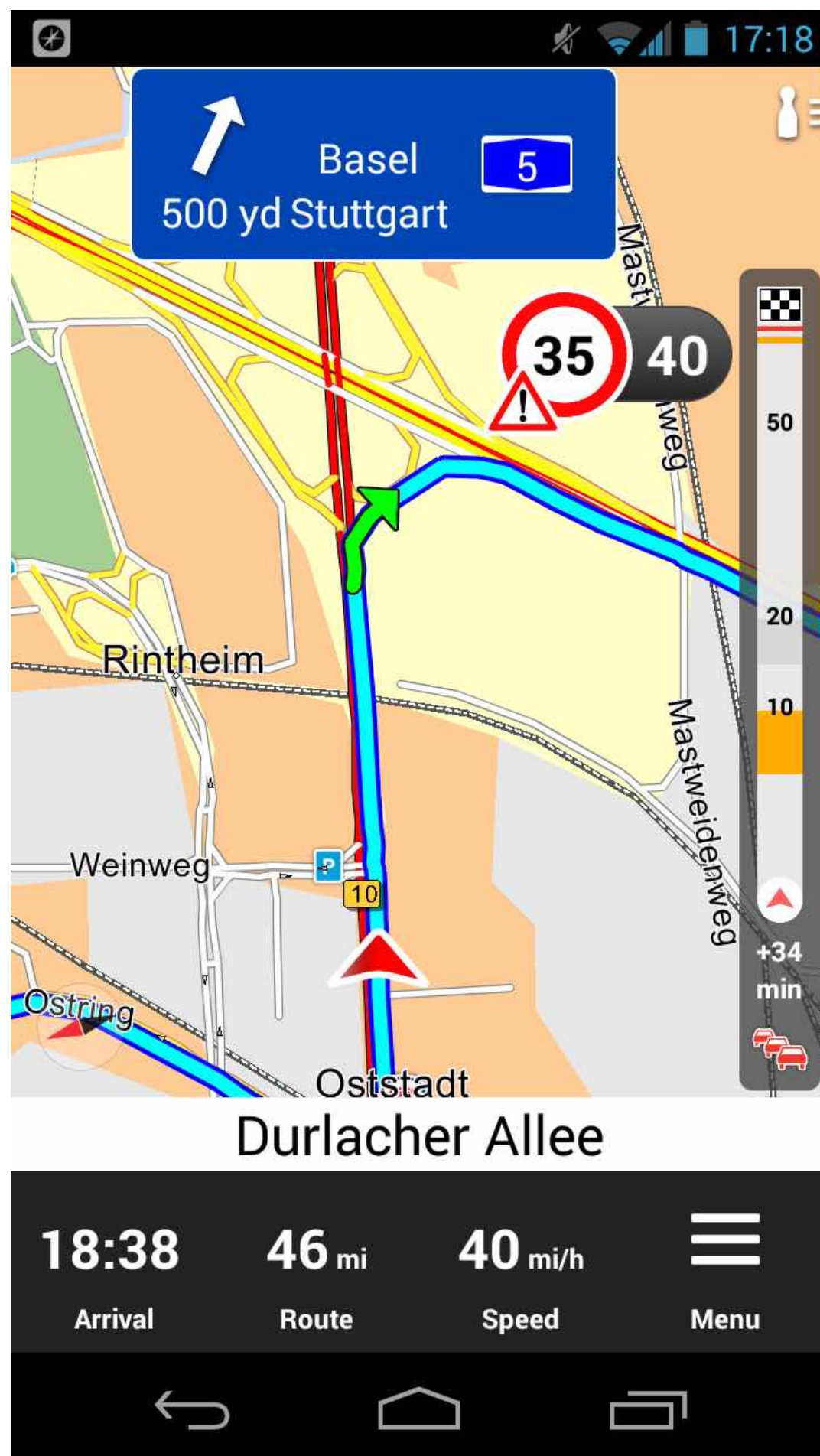
If you choose to add the waypoint to your route after reviewing it, you need to tap once again on the highlighted station.



A popup will show more detailed information and allow you to add the station as a waypoint  or cancel the selection.


After adding the station, the route is calculated and displayed. Confirm with **OK**. Selecting **Cancel** will end the navigation completely.

7. TRAFFIC ASSISTANT



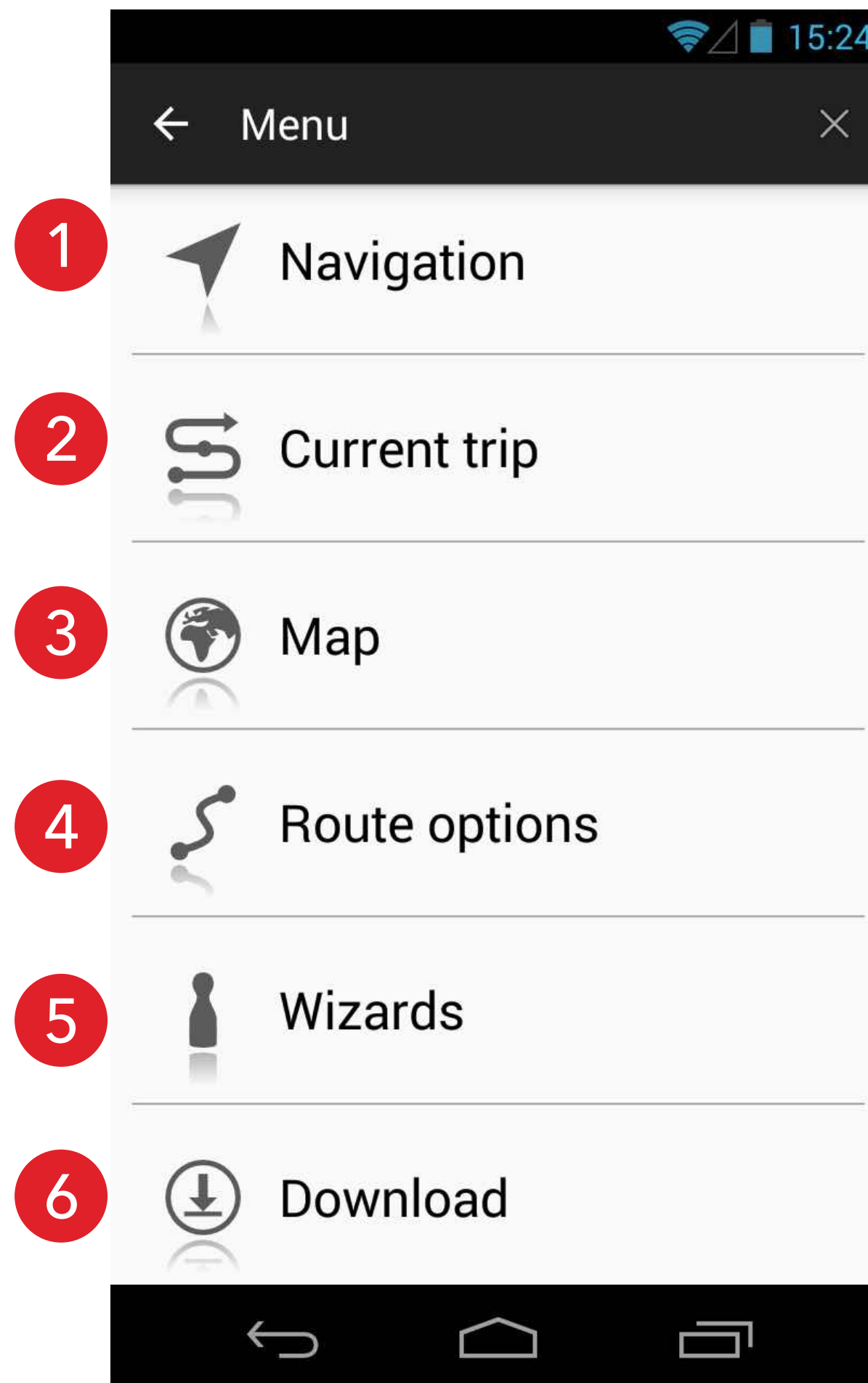
Requirements: Activate the traffic assistant by tapping to **Menu - Wizards - Traffic reports on/off**.

In order to receive traffic-information a mobile data connection is required. If your device is offline it will be signalled by a gray traffic icon on the bottom right.

A detailed overview of the traffic situation on your route is shown on the traffic display which can be activated by tapping on the assistant symbol  and selecting the traffic wizard.

1. Tapping on the traffic display will show you a detailed list of traffic incidents on your route. Depending on the duration of delays incidents will be colored differently: construction sites - grey, minor delays - orange, major delays - red. Greyed out incidents are on your route, but have a very high chance of dissolving before reaching them, thus they won't be considered. In order to avoid traffic, activate the function **avoid traffic** and recalculate the route.

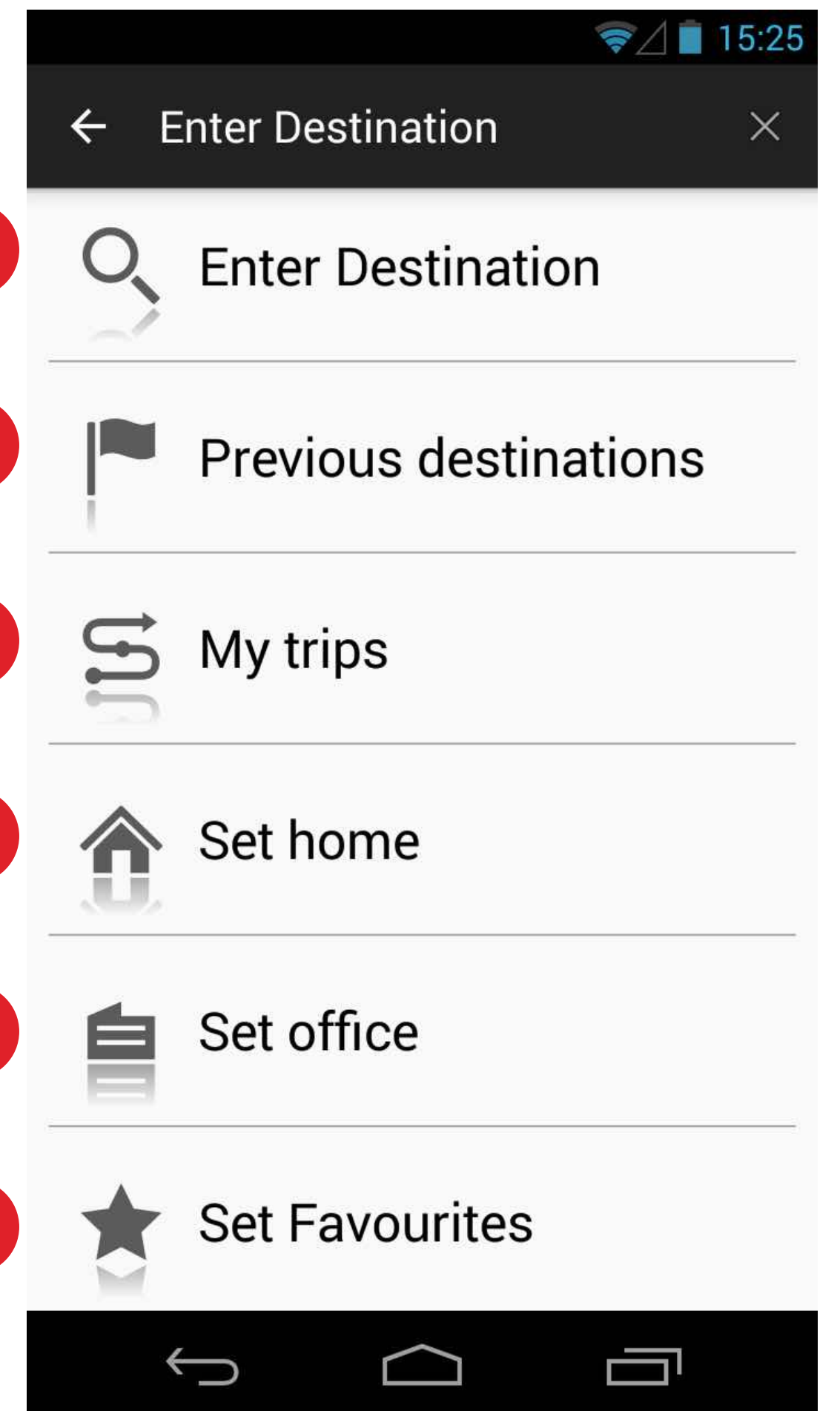
8. MENU



1. Navigation
2. Current trip (visible during navigation)
3. Map
4. Route options
5. Wizards
6. Download
7. System

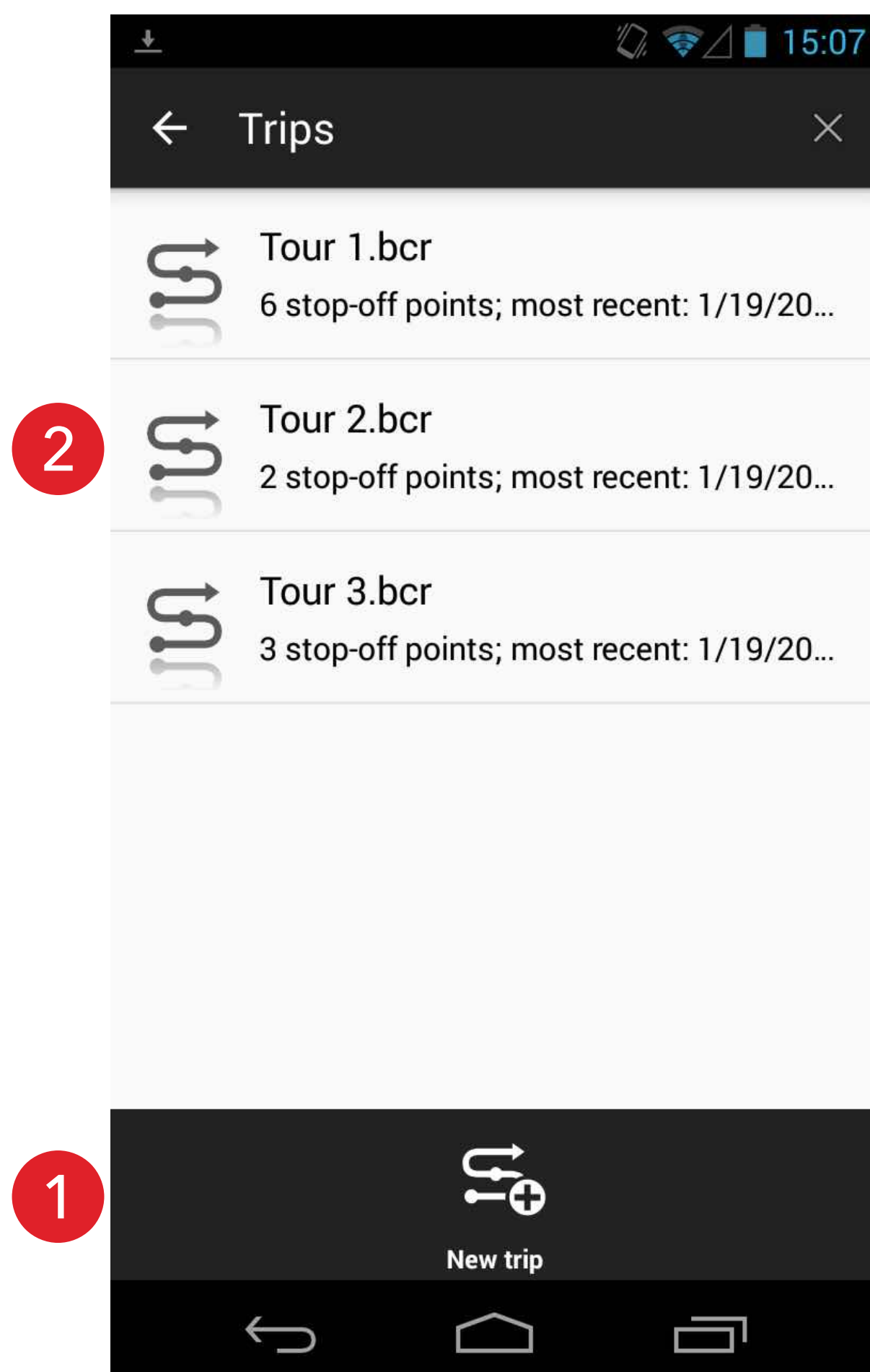
In the following you will get a brief introduction to the individual menu functions.

9. NAVIGATION



1. **Enter destination:** this menu offers a convenient way to search and navigate to a destination by selecting a country, entering the town/street/house number or selecting a point of interest.
2. **Previous destinations:** Offers an overview and easy access to the previous destinations.
Tip: with a long press on one entry various options are offered: navigate, show on map, use as home-destination, use as office destination, add to favourites.
3. **My trips:** is explained on the following page.
4. **Set home:** after initially setting the home destination you will be able to navigate home with only one tap.
5. **Set office** offers the same functionality as "Set home".
6. **Set Favourites:** in this menu you can add and manage your favourite destinations. With a long press on one entry additional options are offered.

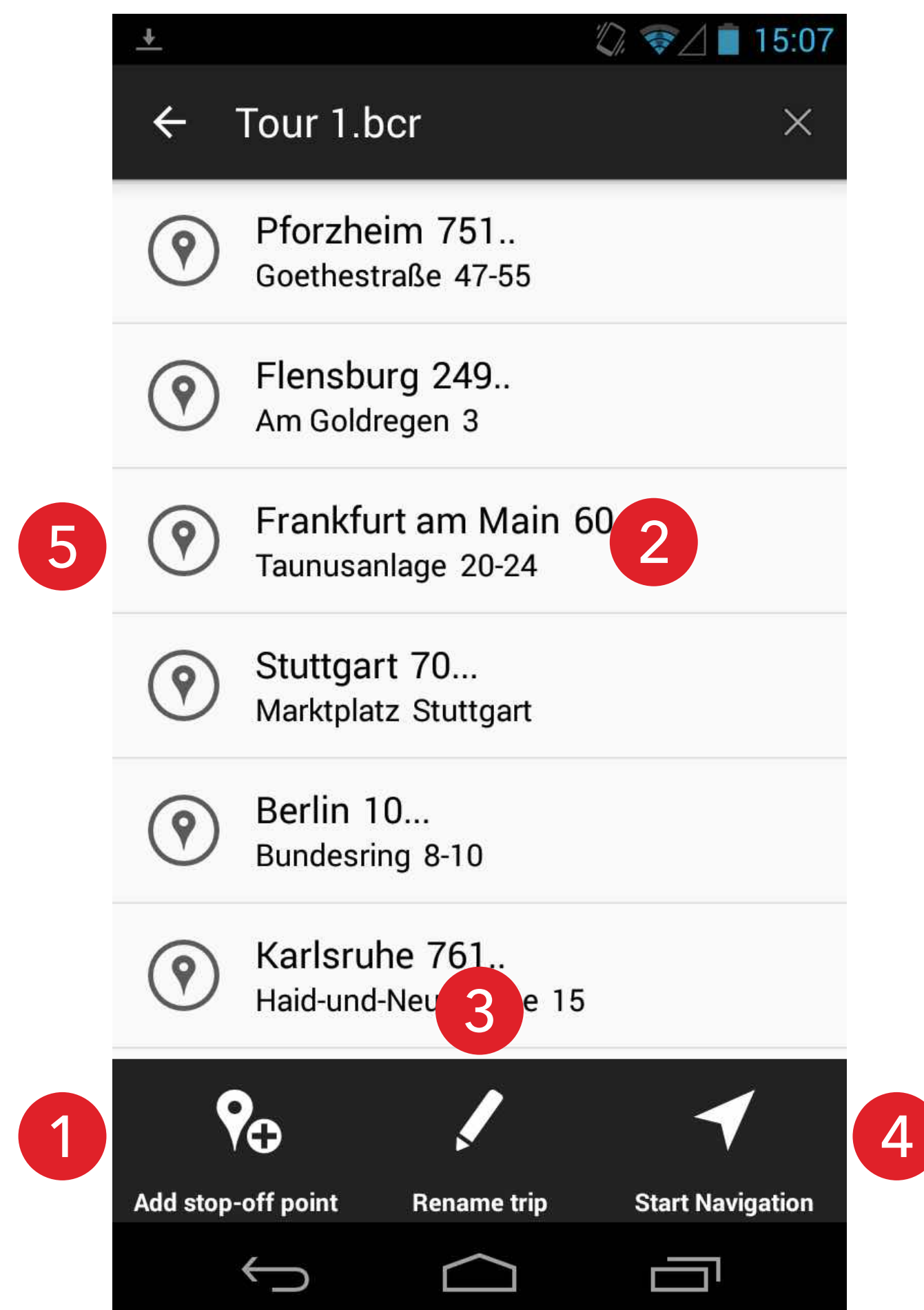
10. MY TRIPS



In order to plan a trip go to **Menu - Navigation - My Trips**.

1. Go to **New trip** in order to create a new trip. A dialog opens where you can name your trip.
2. Your created and saved trips are listed here. If you want to delete or rename a tour do a long tap on the item you want to manipulate until the menu appears.

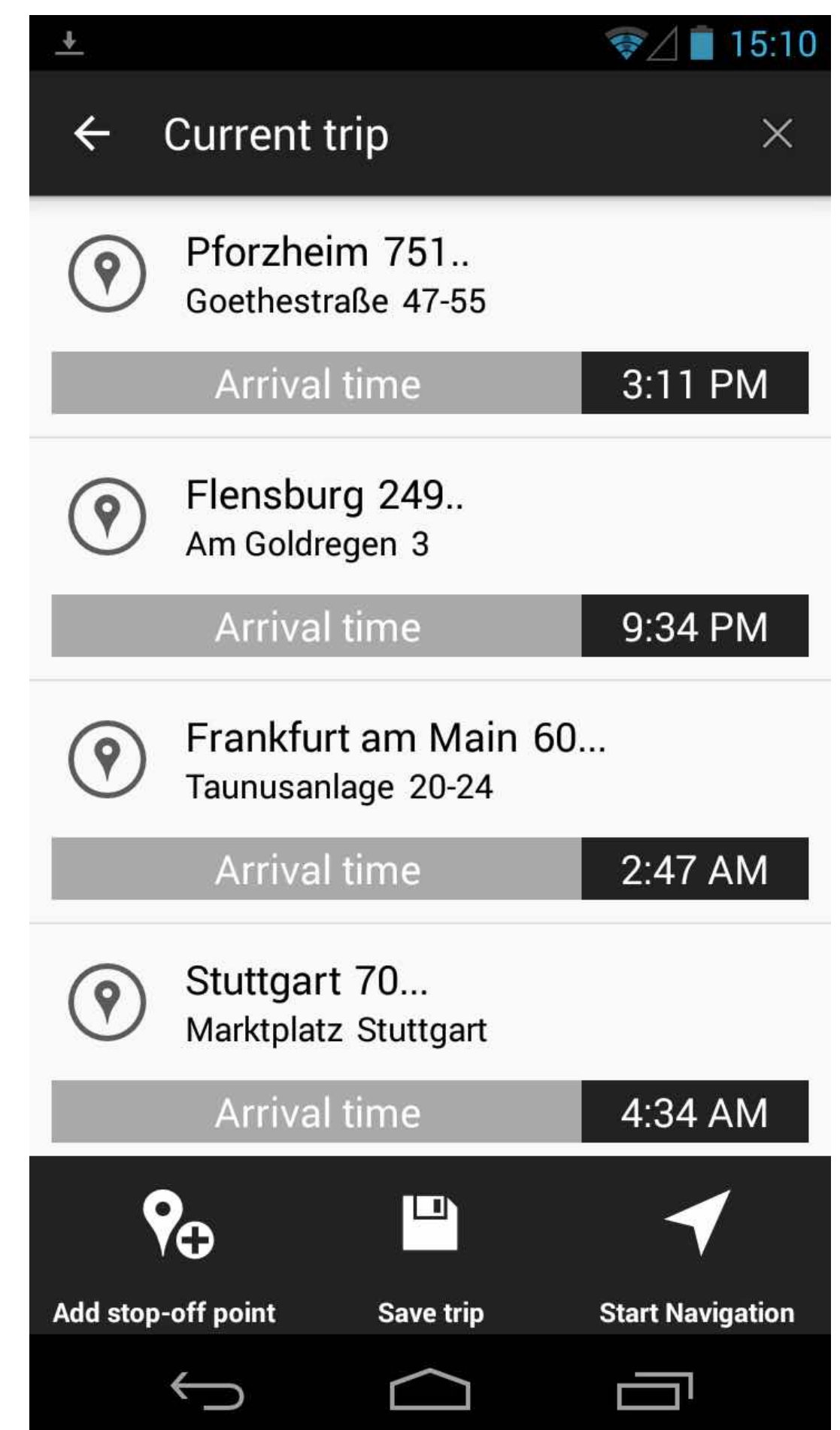
11. EDIT A TRIP




In order to plan a trip go to **Menu - Navigation - My Trips**.

1. **Add stop-off point:** You can add a new stop-off point by using **Enter Destination, Previous destinations** or **Current position**.
2. If you want to change the position of one entry just do a long-tap and move it to the desired position. In order to delete or rename an entry tap on it. A menu will pop up. You can also delete items by swiping them to the left, or right.
3. **Rename trip:** give the trip your desired name.
4. **Start Navigation** will start the calculation of the displayed trip.
5. Every stop-off point of a trip has a state: **Not visited, Visited, Skipped**. In order to alter the state tap on the symbol and select the desired state.

12. CURRENT TRIP



Current trip gives you an overview of the current navigation. Besides of the status of each stop-off point the estimated time of arrival is displayed.

You can enter this menu through the wizard icon , or through swiping from the right corner of the display.

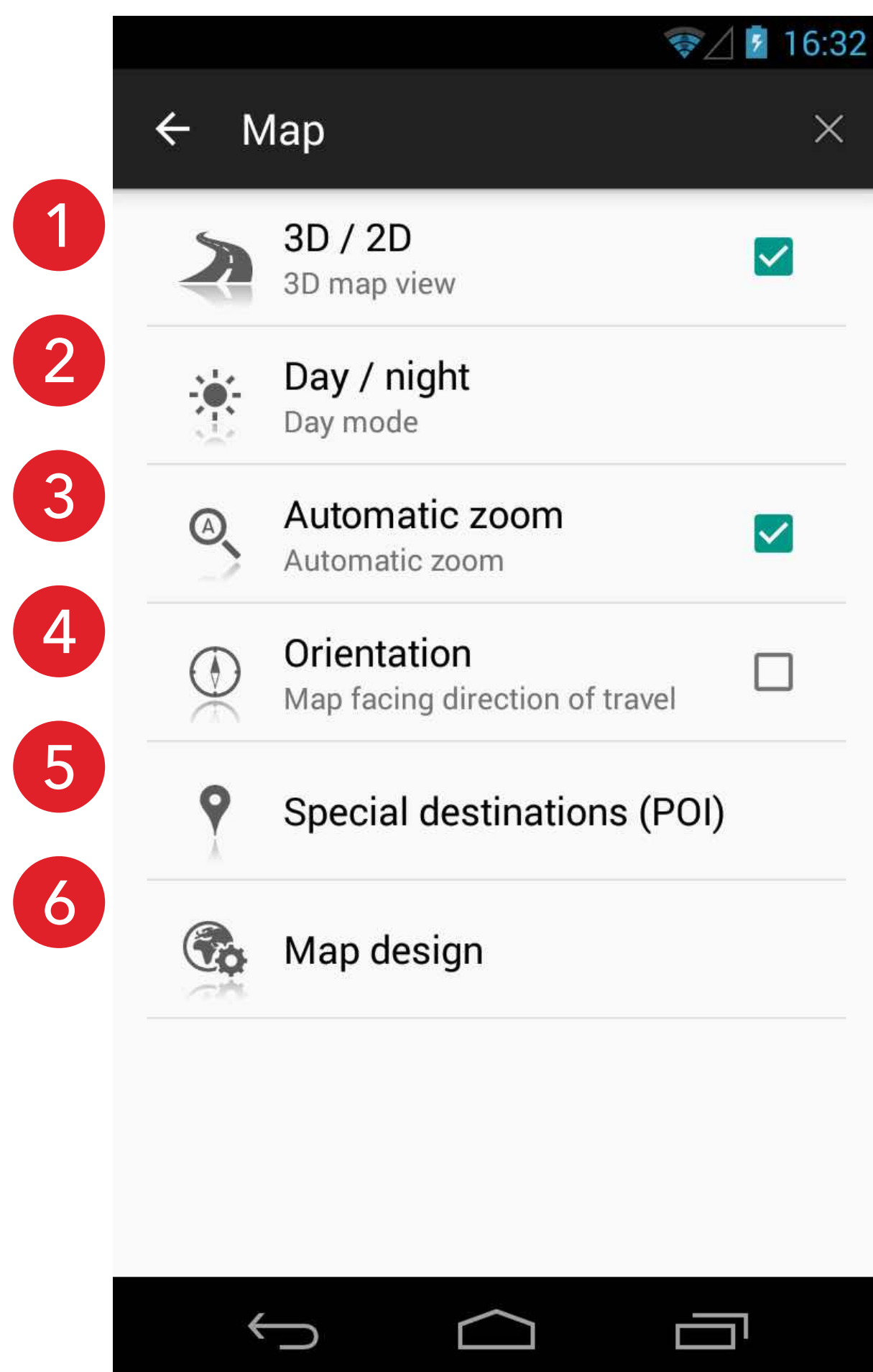
Alternatively you can enter the menu by tapping on **Menu, Current trip**.

The handling of this menu is equal to the handling of the menu **My Trips** (10.)

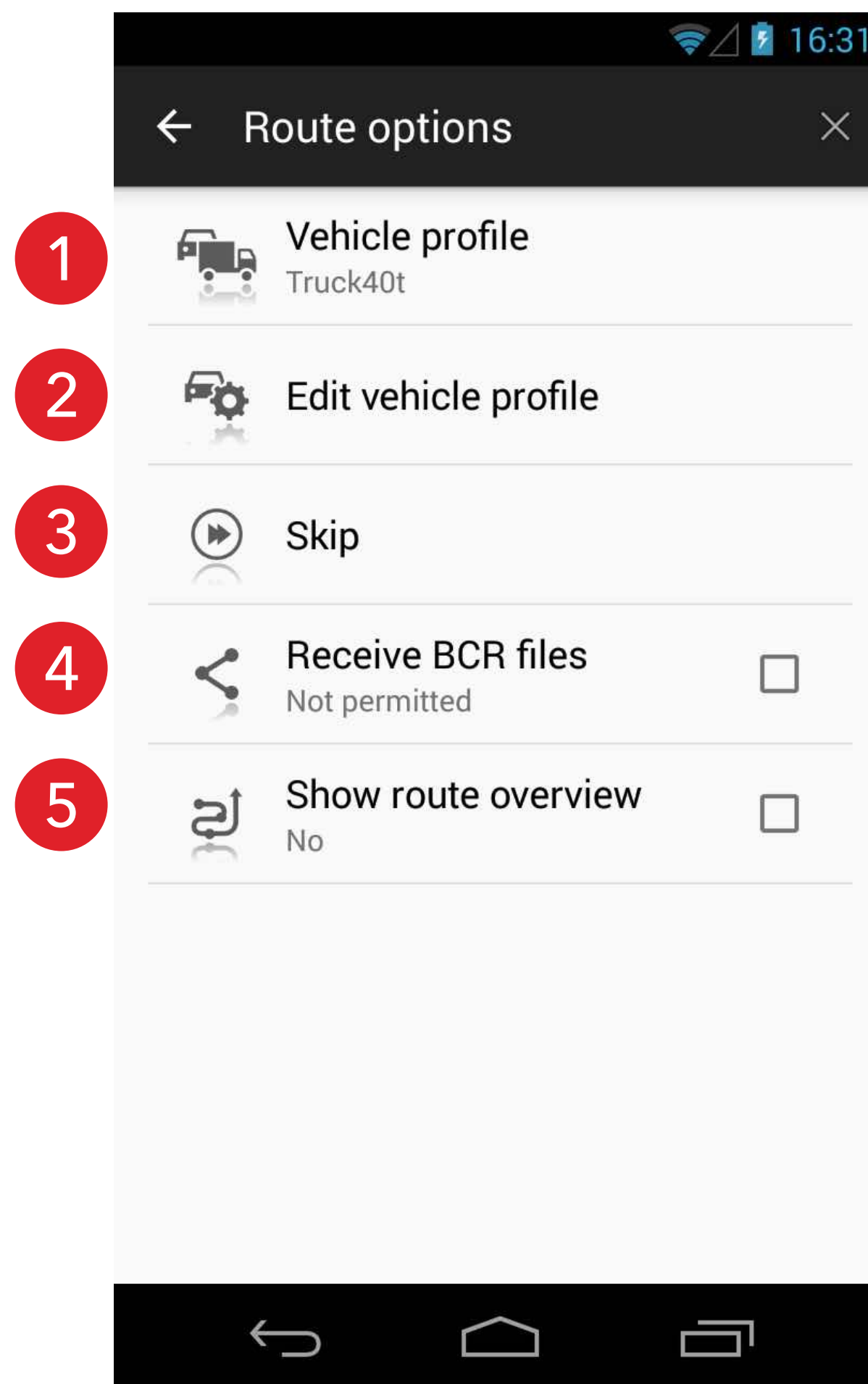
13. MAP

14. ROUTE OPTIONS

15. WIZARDS



1. **3D / 2D:** change between 2D and 3D map view
2. **Day / night:** choose between day mode, night mode and automatic. Automatic changes optimally between day- and night mode based on system time .
3. **Automatic zoom:** with activated automatic zoom the optimal zoom level is chosen for an optimal overview based on speed and forthcoming maneuvers.
4. **Orientation:** displays the map north aligned or in driving direction.
5. (optional) **Point Of Interests:** select which Point Of Interests are displayed on the map.
6. **Map design:** select your desired map theme.

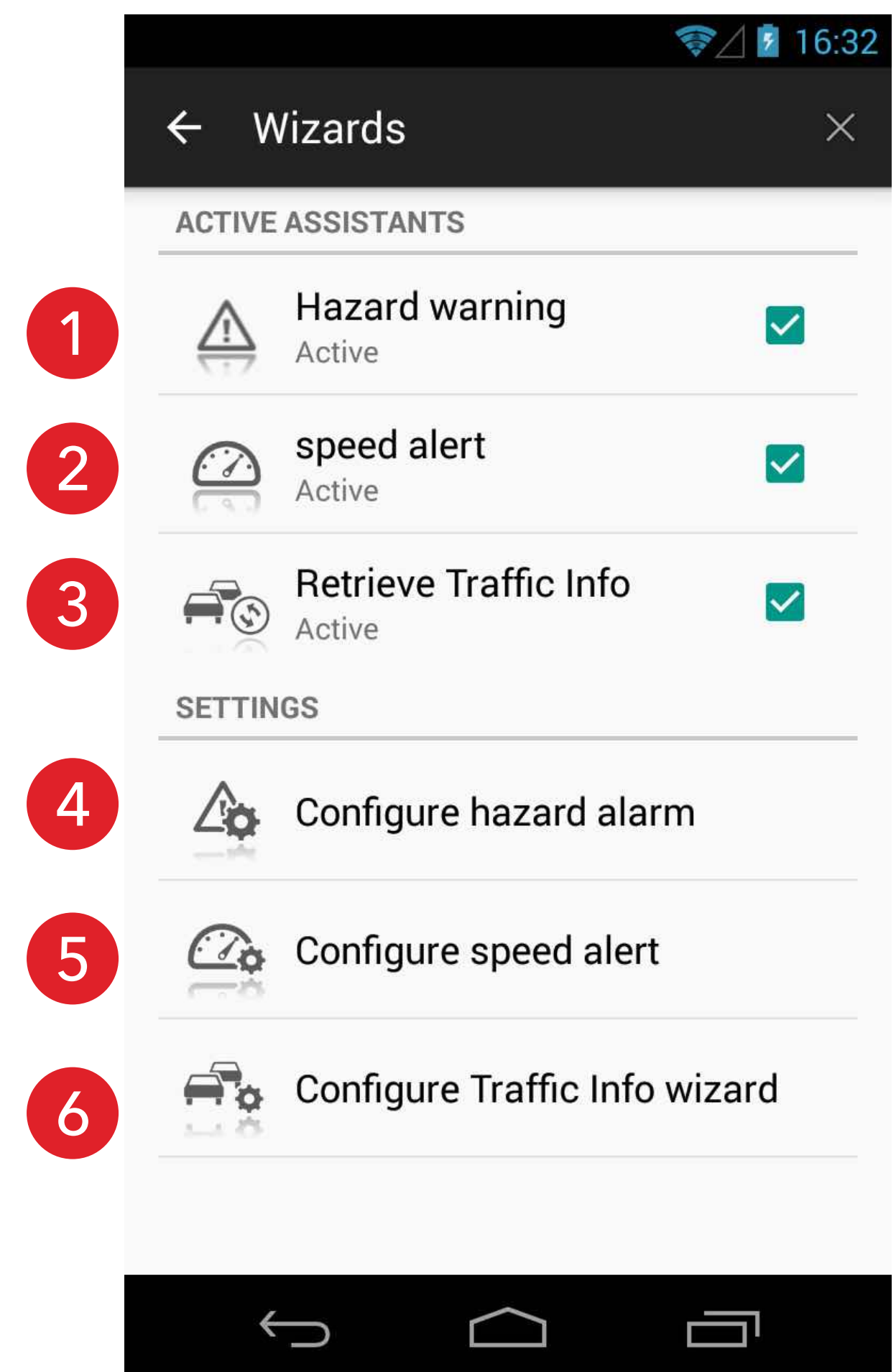


1. **Vehicle profile:** select the suitable vehicle profile to get the optimal route.
2. **Edit vehicle profile:** in this menu you can edit/delete existing and add new vehicle profiles.
3. **Skip:** skips the current stop-off point.
4. **Receive BCR files:** allow of forbid the reception of a BCR file.
5. **Show route overview:** chose if the route overview is shown while using the multistationrouting feature.

Preinstalled profiles (varies depending on the installed version):

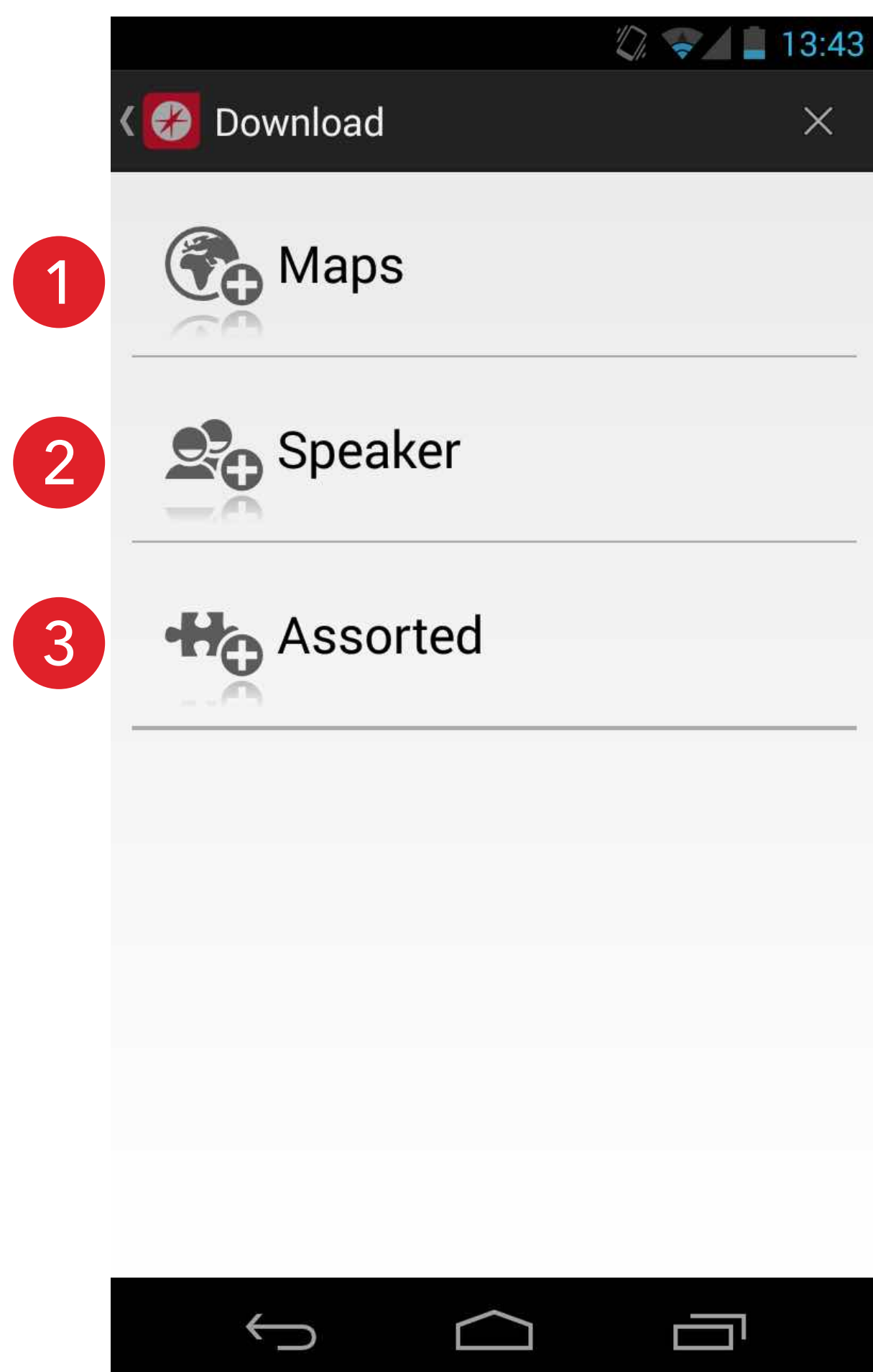
- Car (standard)
- Truck 7,5t
- Truck 12t
- Truck 16t
- Truck 40t.

A detailed explanation for the profile settings is given on the last page.



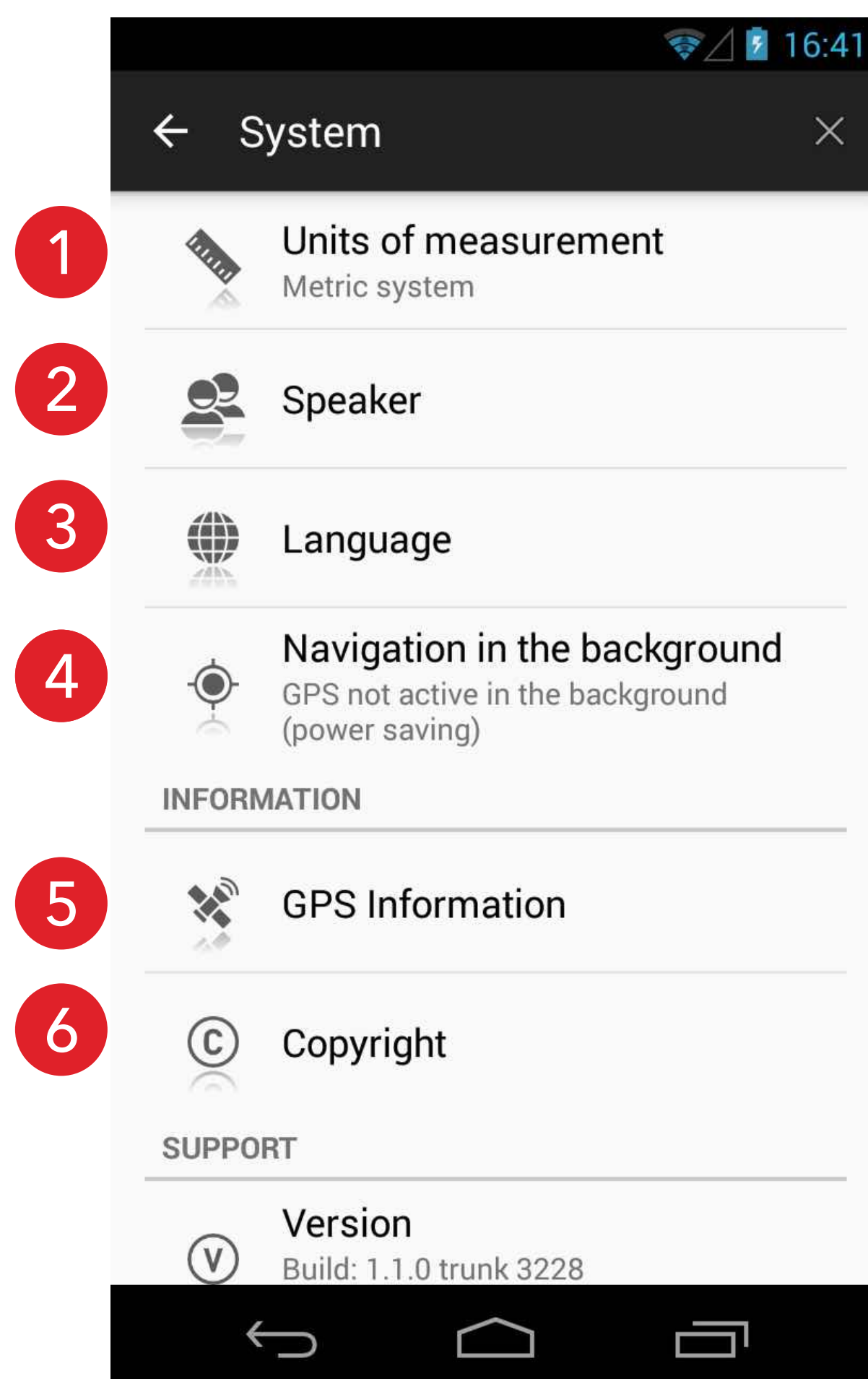
1. **Hazard warning:** informs you about hazards on the route, such as such as traffic light cameras.
2. **Speed alert:** informs you in case of overspeeding with a notification sound. The threshold is configurable and set by default to speedlimit + 8km/h.
3. **Traffic reports on/off:** in order to get traffic information activate Traffic reports. Activating this option will cause data traffic.
4. **Configure hazard alarm:** offers you various options such as selecting the alarm sound.
5. **Configure speed alert:** in this menu you can set the threshold in km/h for the notification sound and change the soundfile played in case of overspeeding.
6. **Configure traffic assistant:** by activating Consider Traffic Info PTV Navigator will try to bypass traffic incidents.

16. DOWNLOAD



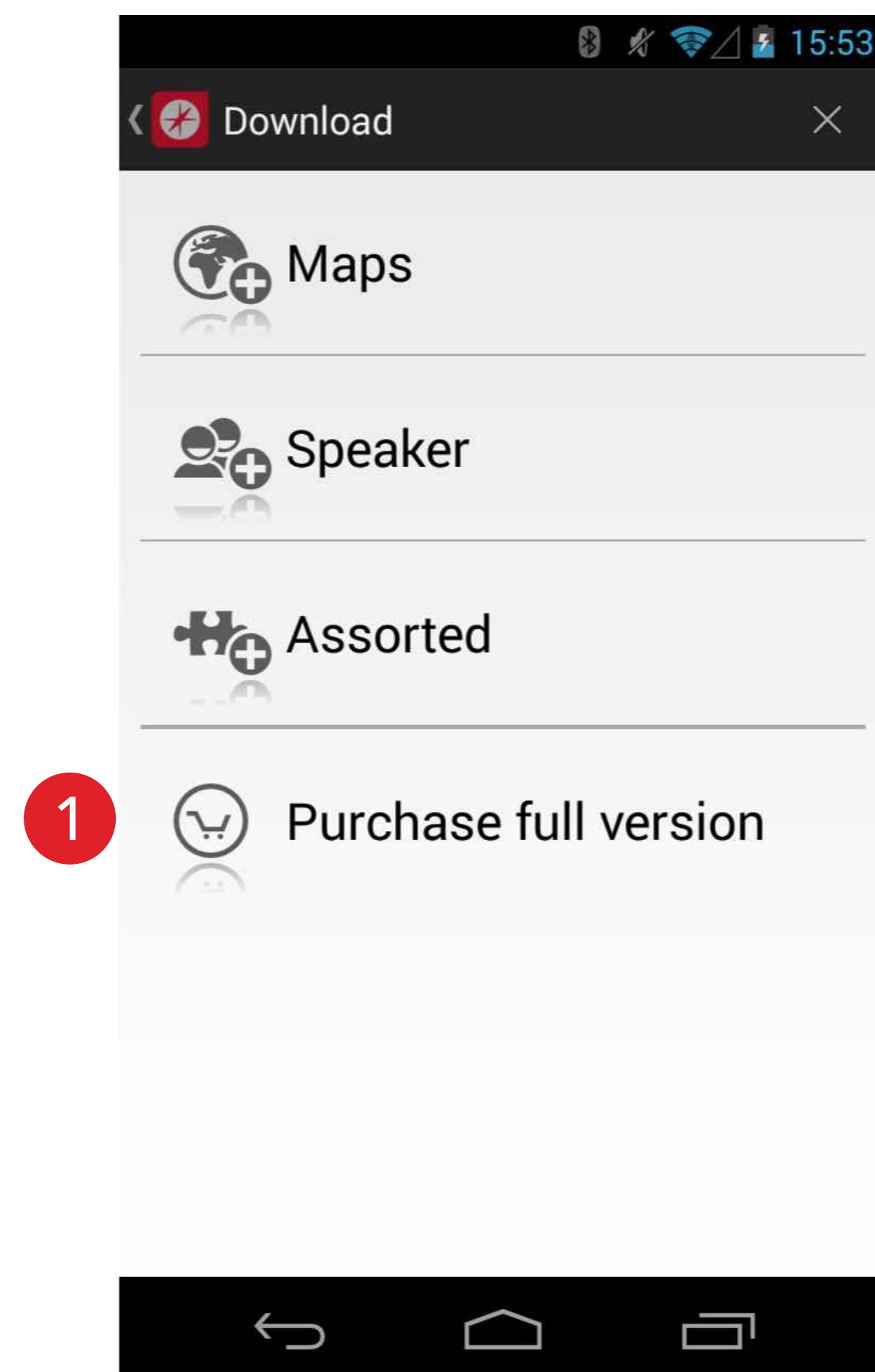
1. **Maps:** download additional maps or map packages.
2. **Speaker:** download alternative speakers for the Text To Speech feature.
3. **Assorted:** here you can download Point Of Interest or other features.

17. SYSTEM



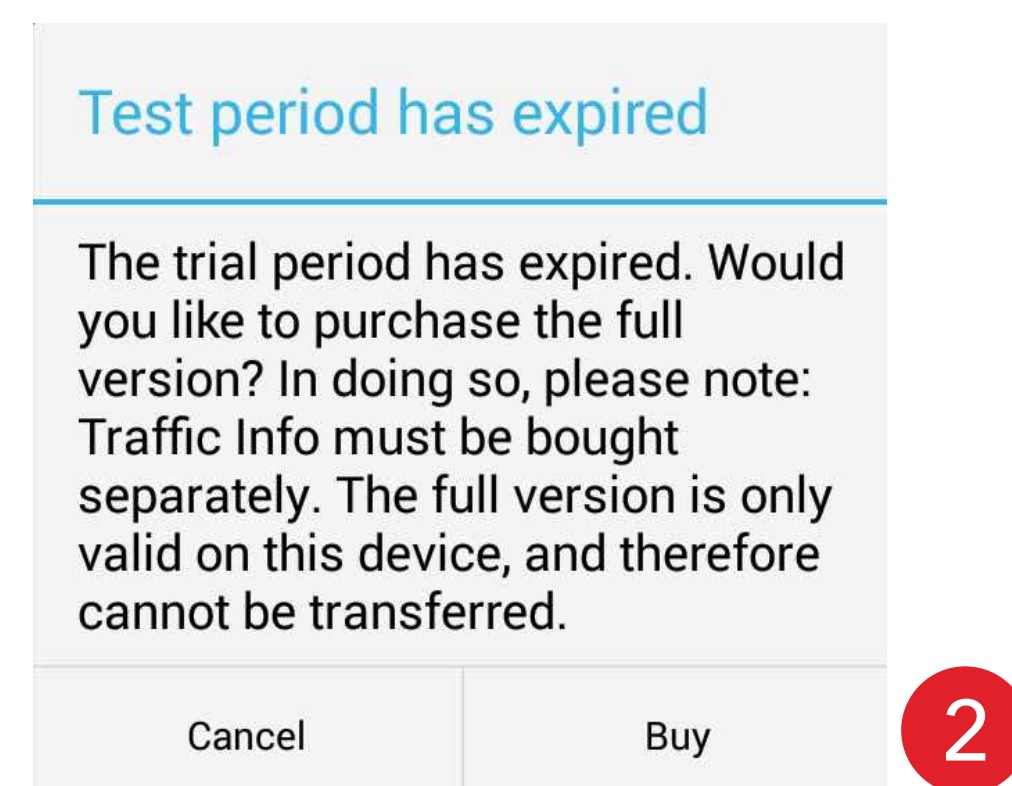
1. **Units of measurement:** choose between Metric system, British Imperial system and US customary system.
2. **Speaker:** If an additional speaker is installed you can select it in this menu. If none is installed the default android speaker is used.
3. **Language:** select the language of your GUI
4. **Navigation in the background:** select
 - GPS not active in the background
 - GPS active in the background
 - Voice announcements and GPS active in the background
5. **GPS Information**
6. **Copyright**
7. **Version**
8. **Device ID**
9. **User ID**
10. **Export settings**

18. PURCHASE FULL VERSION



1. **Purchase full version:** An unlimited license for PTV Navigator can be purchased by going to **Menu - Download - Purchase full version.**

After the test period of 14 days the PTV Navigator will offer you to buy the full version directly.

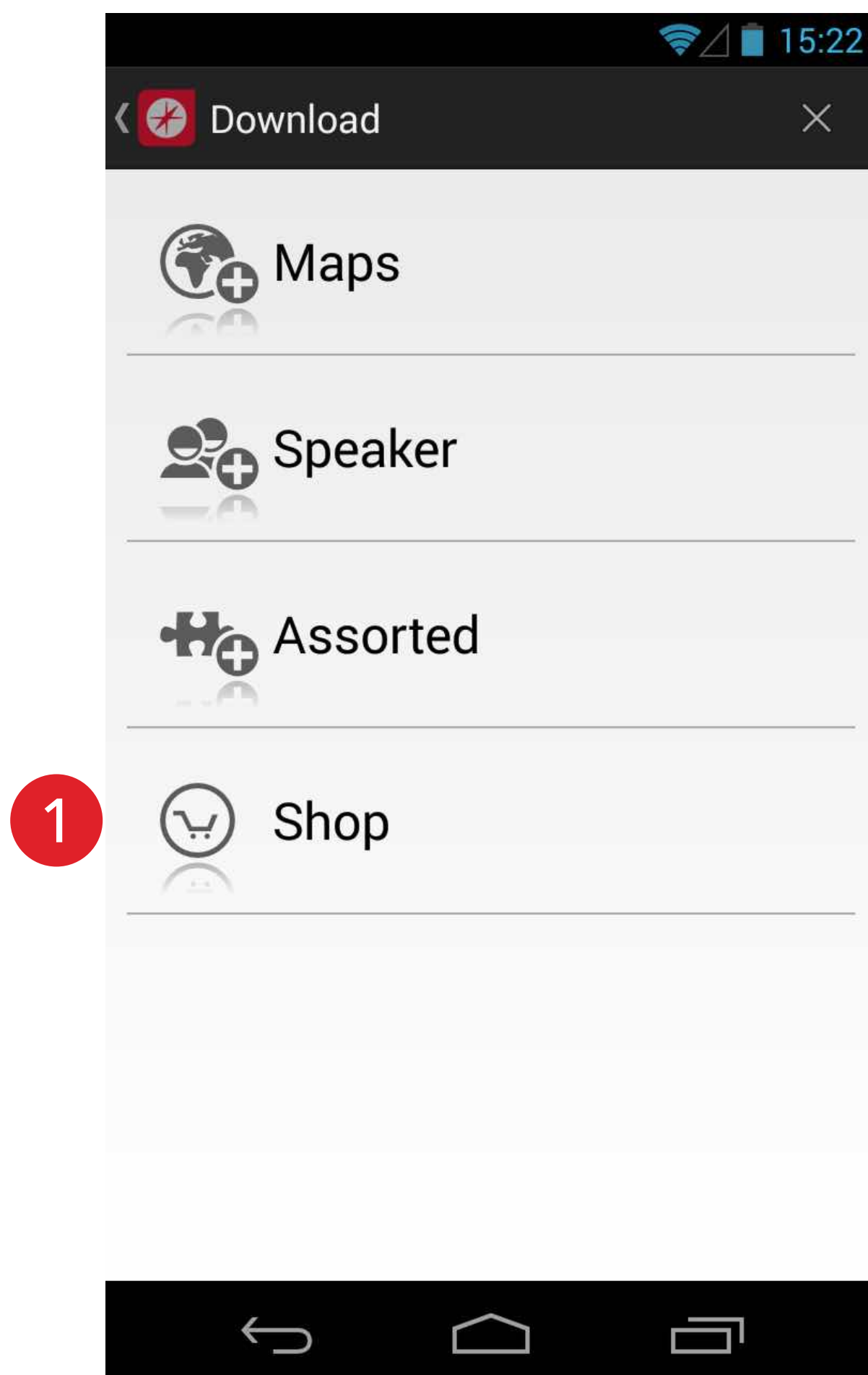


2. In order to purchase the PTV Navigator tap on Buy.

Confirm with tapping on **BUY**. After entering your Google password and tapping on **CONFIRM** you successfully purchased the full version of PTV Navigator.

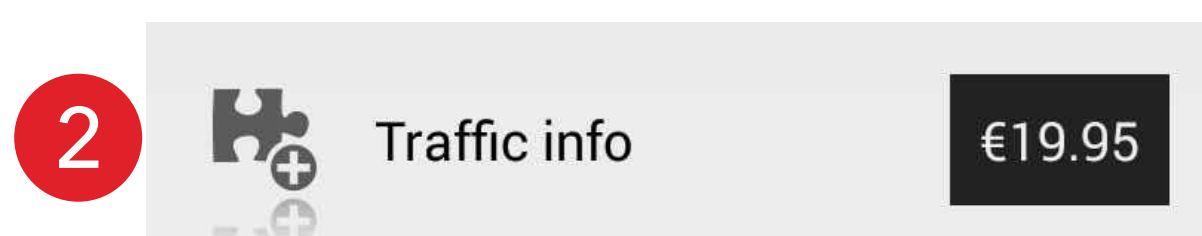
19. SHOP

20. STARTING A NAVIGATION BY ENTERING A DESTINATION

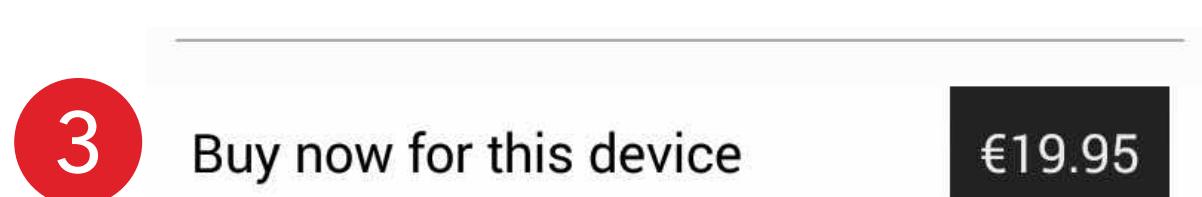


1. In order to buy a license for traffic, go to **Menu - Download - Shop**.

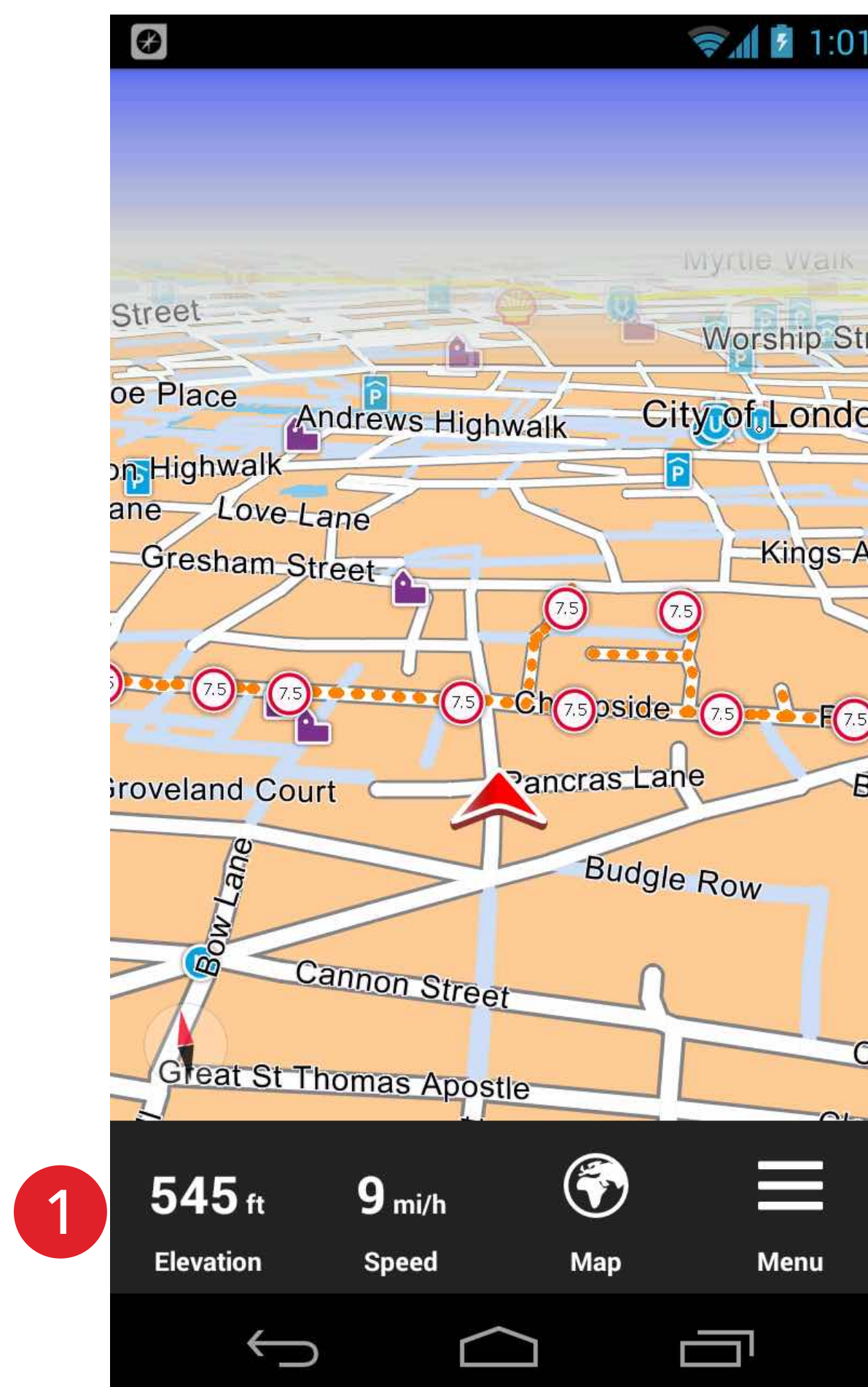
2. Tap on **Shop** and choose **Traffic info**.



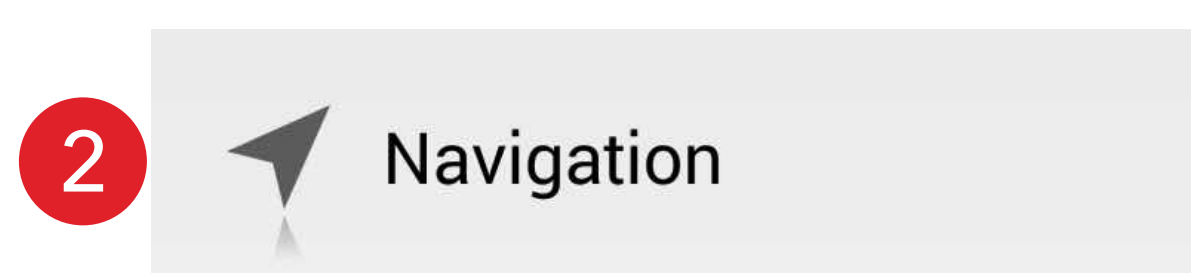
3. After reading the information tap on **Buy now for this device**.



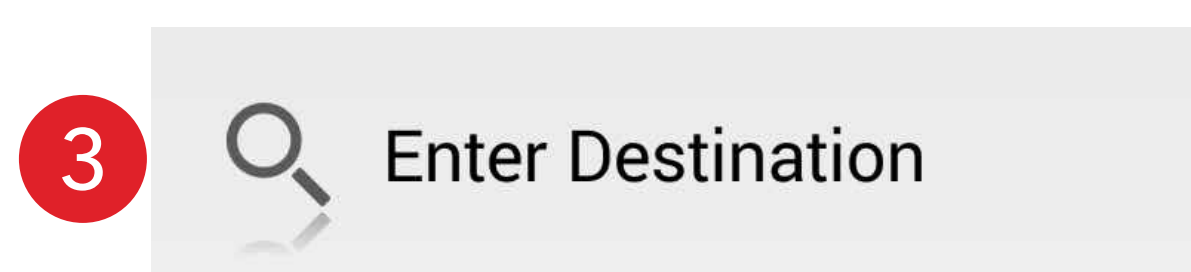
Confirm with **BUY** and after entering your Google password and tapping on **CONFIRM** your purchase is completed.



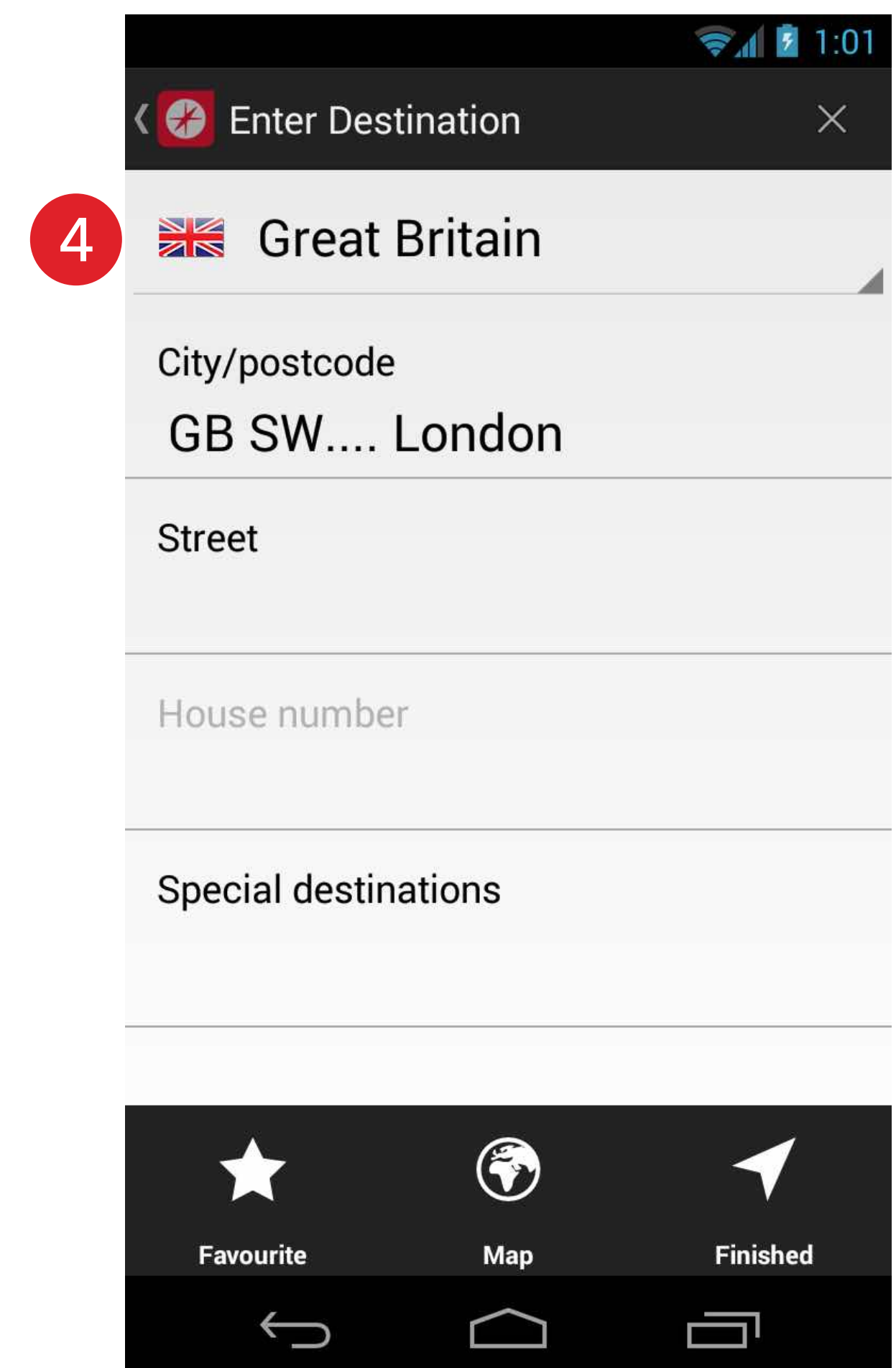
1. Tap on **Menu**.



2. Go to **Navigation**



3. Now go to **Enter Destination**

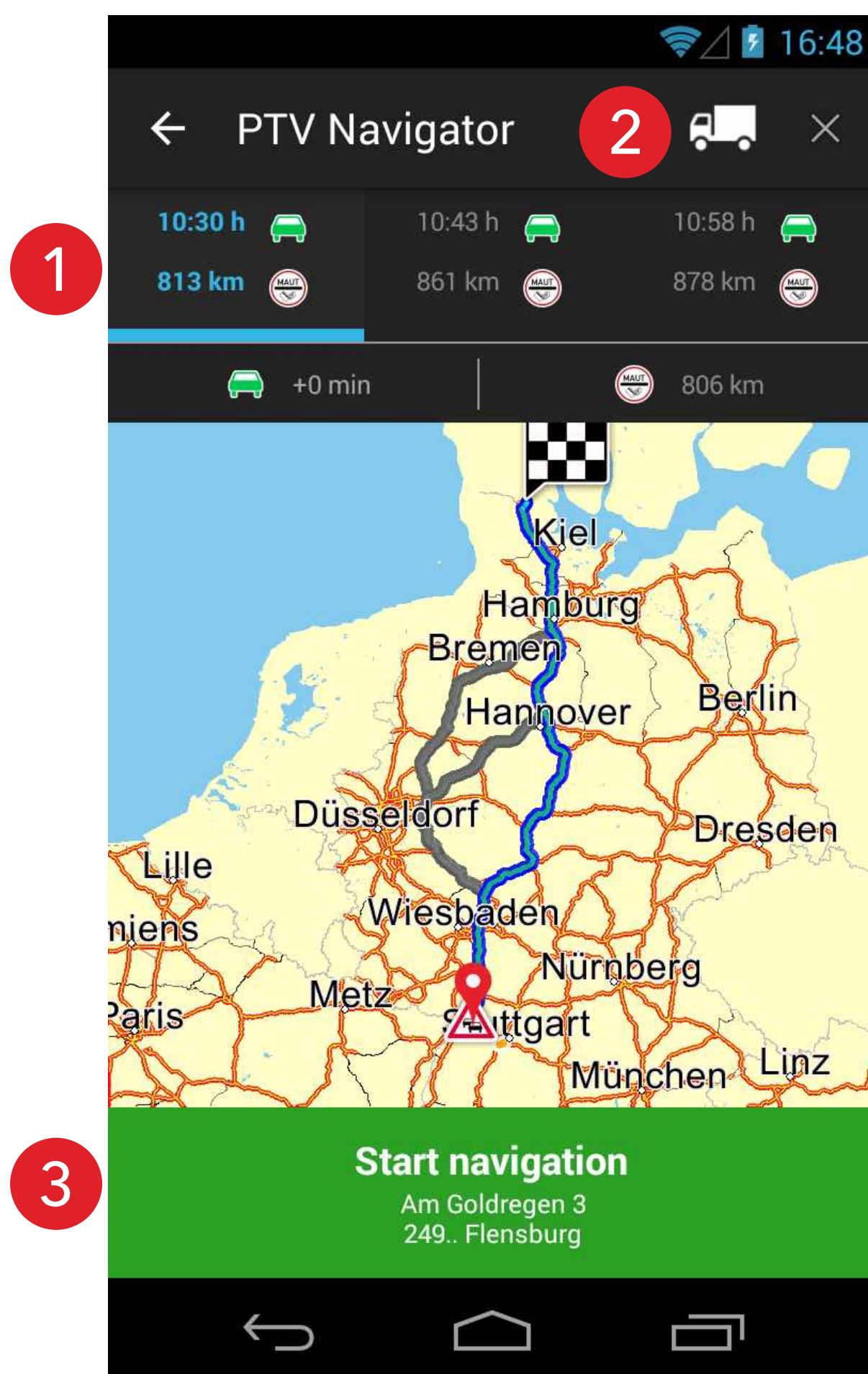


4. Select a country and enter a city. Optionally you can refine your destination by entering the street name and house number.

After entering your desired destination you can calculate the route by tapping on **Finished**.

(Alternatively you can choose your destination directly on the map. For this you need at least to select a country and enter a city. Now tap on **Map**. Here you are able to select a specific spot by tapping on the desired position on the map. A pin will show up. **Start Navigation** will start the route calculation.)

21. ROUTEOVERVIEW



After the calculation of a route you will get an overview with the map, the address of the destination, the estimated time of arrival and the distance.

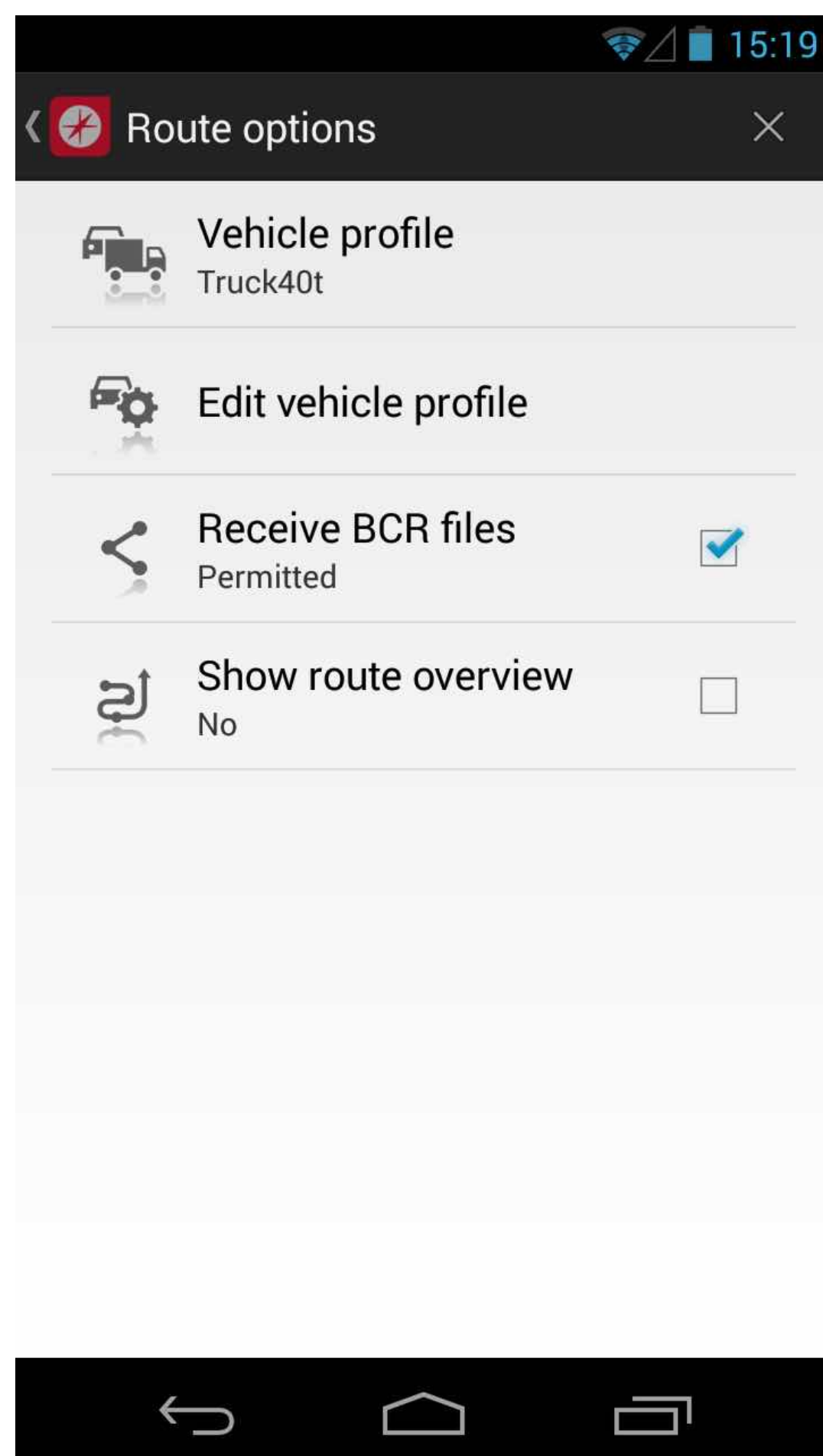
1. Under certain circumstances you will get offered alternative routes. Each route is displayed with its individual estimated time of arrival, distance, toll and traffic information.

The selected route is highlighted blue.

2. Change your vehicle profile through tapping on the vehicle icon.

3. Start the navigation through tapping on **Start navigation**.

22. VEHICLE PROFILES



1. **Speed profile:** For each speed profile fixed average speeds are stored for various road categories. It is used to calculate the ETA (Estimated Time of Arrival).

2. **Hazardous goods-tunnel settings:**

The tunnel restriction code defines which tunnels can be driven through by which hazardous goods transports. All tunnels in the European Union are allocated to a tunnel restriction category. There are five categories in total. The higher the tunnel category, the higher the restrictions.

- **A** no restrictions for hazardous goods.
- **B** transit ban for explosive goods.
- **C** the same restrictions as B plus hazardous goods which can lead to a release of poisonous substances.
- **D** the same restrictions as C plus flammable goods.
- **E** transit ban for all hazardous goods. There are some exceptions for certain radioactive substances, clinical waste and samples.

In PTV Navigator you can assign the vehicle profile a tunnel restriction code depending on its load.

3. **Smaller streets:** Select one of the following options for your truck road preference:

- Not avoid
Use normal routing
- Avoid
Avoid roads that are inadequate for trucks (average)
- More avoid
Avoid roads that are inadequate for trucks (high)

4. **Motorways:** Use this option to specify whether you want to use or avoid motorways for route planning.

5. **Ferries:** Use this option to specify whether you want to use or avoid ferry connections for route planning.

6. **Turning:** Using the option Turning you can define if turning manoeuvres are permitted on roads which do not have a separating construction.

7. **Toll:** Using this option you can define if roads which include toll charges are avoided, avoided economically or taken into account in route planning.

8. **Hazardous goods:** Use this option to specify whether restrictions for the transport of hazardous goods shall be considered for route planning or not.

9. **Water-polluting goods:** Use this option to specify whether restrictions for the transport of water-polluting goods shall be considered for route planning or not.

10. **Inflammable goods:** Use this option to specify whether restrictions for the transport of inflammable goods shall be considered for route planning or not.

11. **Trailer:** Use this option to take a truck-trailer combination into account for route planning.

12. **Technical Data:** This option is only available in truck profiles.


Defining optimisation method (for cars only):

Route: Takes you to your destination using the shortest route as possible.

Economical route: This route is a compromise between the options Distance and Time. The reason for the compromise is that a time advantage, achieved by travelling at higher speeds, can sometimes result in higher petrol consumption. Therefore the economical route is a compromise between the two extremes.

Time: This option involves taking roundabout routes via motorways/ bypasses around cities into account, if a time advantage can be achieved.

23. SPLITSCREEN ASSISTANT / TRUCKPARKING LEGEND

 deactivated symbol /
feature not available

 Shower

 Accommodation

 Restaurant, snack bar

 Internet Hotspot

 WC

 Medical care

 Charge

 Fences

 Video surveillance system

 Flood light

 24/7 Guard

 Fuel station

 Truck wash

 Truck repair

 Power supply