

TAVL WEB4

User Manual

V 1.3

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INTRODUCTION

Tavl WEB4 application is a WEB interface, used to connect to AVL server and get the information that devices send to the server.

Tavl WEB4 user manual provides information needed to fully understand and operate Tavl WEB4 application. Here you will find the basic rules of usage as well as interface description.

Note: Some operations or functions can be enabled or disabled for users additionally. If some functionality is missing, please contact Teltonika export manager to enable it.

1 REQUIREMENTS

Tavl WEB4 application is designed for Personal computer with broadband internet connection. Application works best with following latest version of internet browsers:

- *Mozilla Firefox*
- *Google Chrome*

2 QUICK START

2.1 Logging in

To access Tavl WEB application enter WEB4 link in your web browsers address field. To get TAVL WEB4 link contact your Teltonika export manager.

When WEB4 loads, enter user name and client code provided by Teltonika export manager in appropriate format (<username>@<clientcode>), enter password in the field below (see Figure 1). If you are using account with administrator rights enter only username in (<username>@<clientcode>) field and password below.



Figure 1. Login screen

Tavl WEB application is available in English, Lithuanian, Russian, Polish, German, French, Hungarian, Spanish, Portuguese, Arabic, Persian and Macedonian languages¹.

“Remember Me” check box could be checked to make browser remember your current login session that you won’t need to enter login information next time.

Note: Do not use “Remember Me” option while using public computers.

2.2 Locating object and loading its track

After you are logged in, you will be directed to the first screen with object list. Basic real time speed, GPS signal, GSM signal ignition and battery voltage information is shown in the list. If object list disabled, click on the truck symbol in the toolbar, which is located on the top of the page. (see Figure 2) Double-click on your preferred object in the list to see its current position on the map

¹If you would like to use TAVL WEB4 in any other languages, please contact your Teltonika export manager

with basic information.

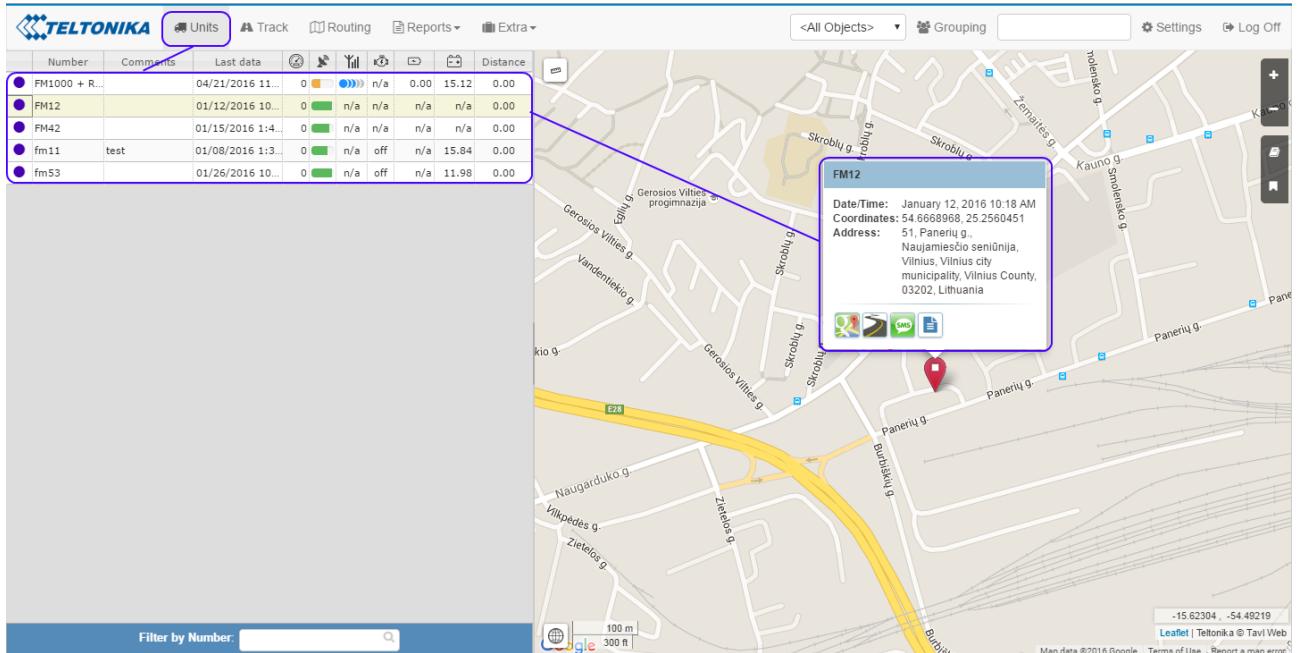


Figure 2 Object selection

You can go to track menu by clicking the road picture in the toolbar or by clicking on the road picture in the basic object information pop-up window. (see Figure 3) For more detailed information about track management see 4.1 “Track management”.

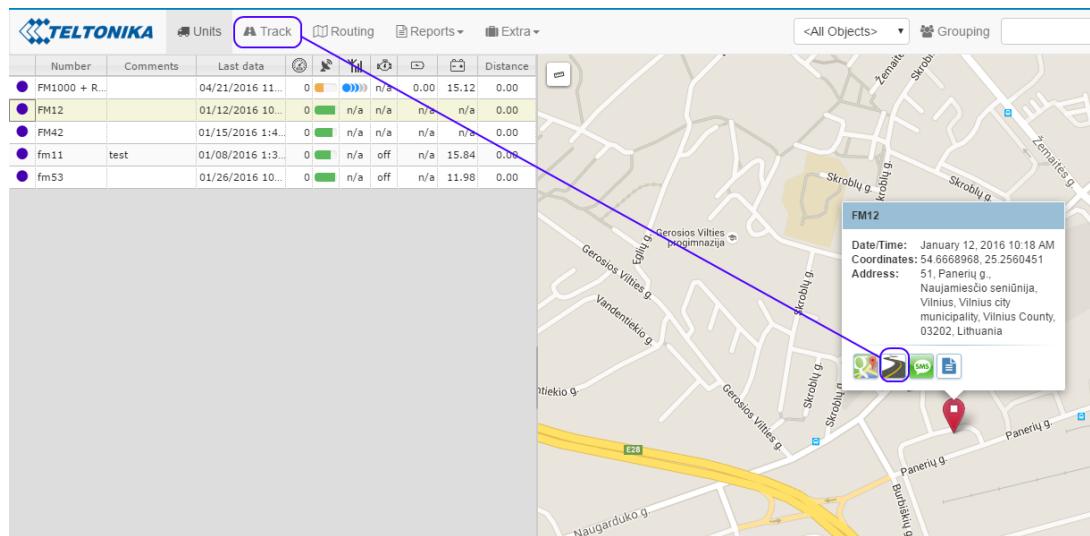


Figure 3 Opening track menu

In the track menu select your object which track you want to see, set the preferred date and click show. Track will be shown on the map (See Figure 4)

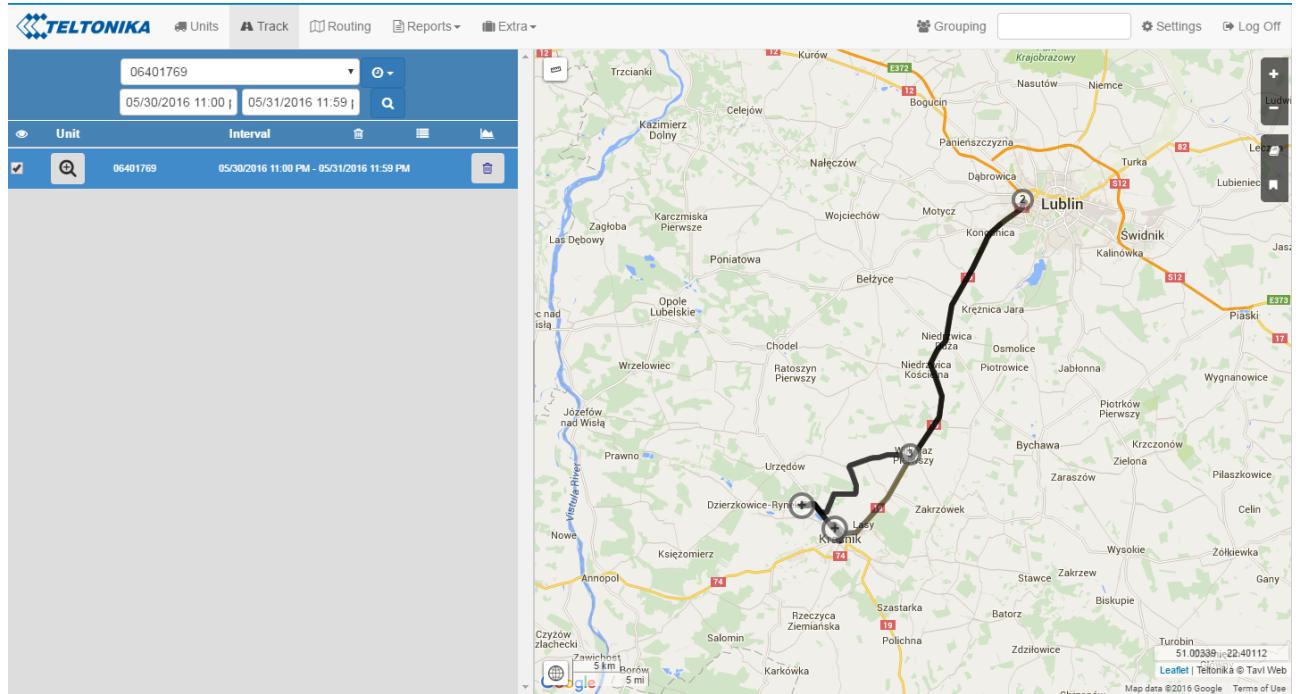


Figure 4. Track

3 USER INTERFACE

3.1 User interface structure User interface consists of five basic elements:

1. Toolbar
2. Map controllers
3. Object list
4. Mini map (enable by pressing on the icon)
5. Map
6. Distance measuring tool
7. Web interface settings

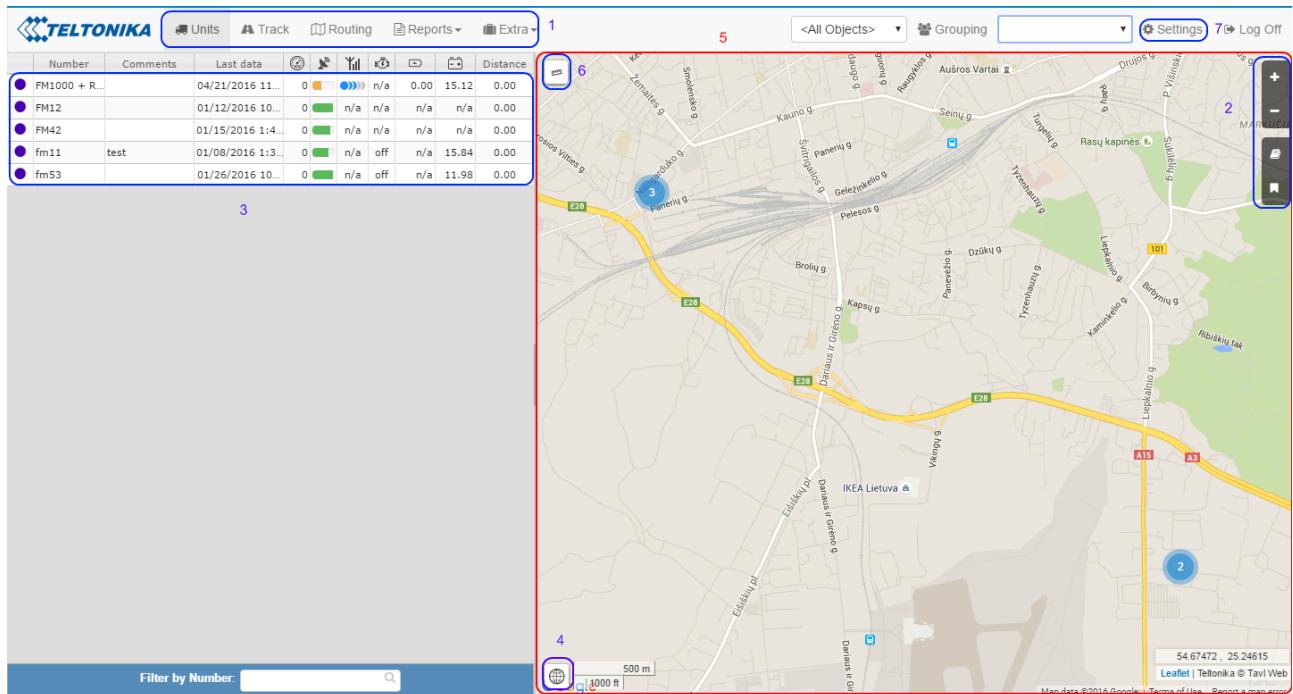


Figure 5. User interface

3.2 Toolbar items

Toolbar item	Description
Units	Opens Object list window
Track	Opens Track window properties
Routing	Opens Routing panel
Reports	Opens Reports list
Extra	Opens available extra features list

Note that some of toolbar tools are extra features and must be enabled for every user individually. If you are missing any toolbars which could be usefull for you, please contact Teltonika export manager.

3.3 Map controllers

To zoom in or zoom out click +/- buttons in map controlling menu.



Figure 6. User interface

To select map layer click “Map layer” button and select your map from maps available.

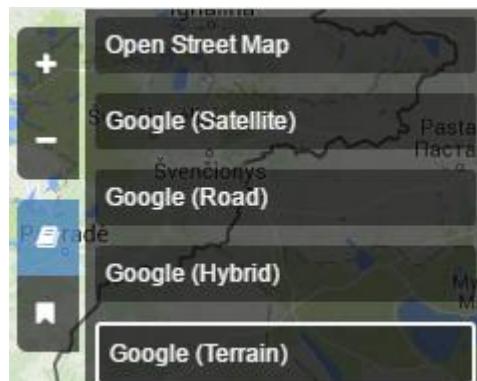


Figure 7. Map selection

To select which information you want to be displayed on the map, click “select visible objects” button, and choose preferred data.

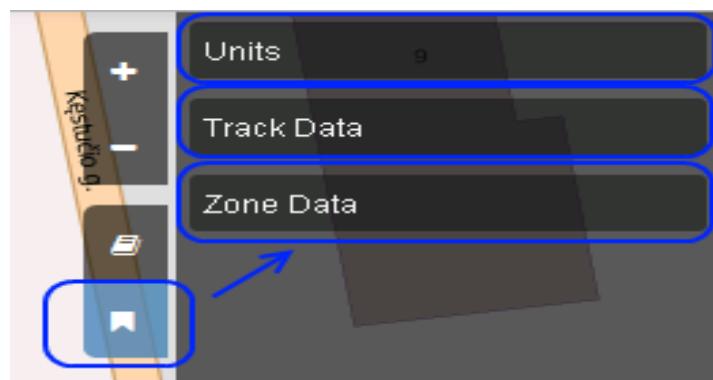


Figure 8. Selection of data displayed on map

3.4 Object list

In object list window you can see your all objects: vehicle number, comment, last time when data was sent, speed (displayed speed value is from the latest record sent to server), GPS and GSM

signal strength, ignition status and internal battery voltage and current power supply of the device (vehicle battery) information is shown. You can sort your objects by any of these values, to do so click on the feature name or logo, by which you want to sort your objects. Objects can be sorted from smallest or from highest value, to change it just click on the feature one more time (In Figure 9 objects are sorted by Number). If you double click on the object in the list, it will be shown on the map.

	Number	Comments	Last data							Distance
●	03077284 FM11...		12/11/2015 1:0...	0			n/a	n/a	12.71	0.00
●	03140212 FM11...		12/11/2015 1:0...	13			n/a	n/a	13.68	0.00
●	06206863 FM10		12/11/2015 1:3...	0			n/a	3.55	0.09	0.00

Figure 9. Object list

4 Operations

4.1 Track data management

It is possible to see various object tracks with different dates on the map at one time. To do so choose your object, select date or time interval and press show - object track info will appear in the track list and track will be drawn on the map. To add another track to the list and to the map, repeat previous steps.

In track list you can choose which tracks to show or hide, focus selected track on map, see object numbers, see date of shown track and remove selected track from the list.

1. Object selection
2. Exact date/time selection
3. Default time interval selection
4. Show track button
5. Select to show/hide track
6. Focus track on map
7. Object number list
8. Time interval of track shown
9. Remove track from list and map
10. Trip stop place and number
11. Zoom several stops in a close area

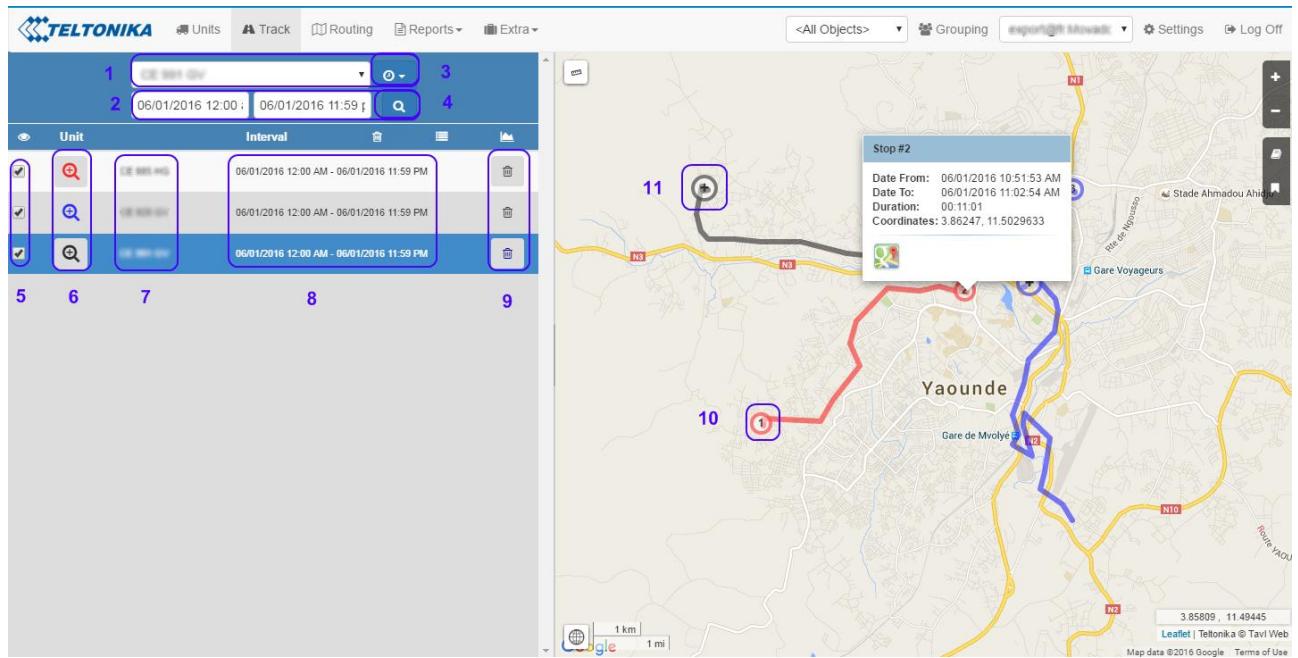


Figure 10. Multiple tracks with trip stops on the map

On the map you can see tracks which you have selected to be shown. All trip stops of shown tracks are displayed on them and are marked by sequence numbers. To get more detailed information about a trip stop click on it on the map and a pop-up with stop time, duration and geographical information will appear. If there are several trip stops in a close area, and they cannot be displayed correctly, area is marked with (+) sign, click on it to zoom this area and see trips stops correctly from a closer range. (see Figure 10)

Note: trip stop display in track is configured according to Trip stops report settings.

4.2 Routing

With this feature you can simply and quickly plan your own route by setting points or switching streets which you need to achieve. From menu bar choose routing like shown in Figure 11.

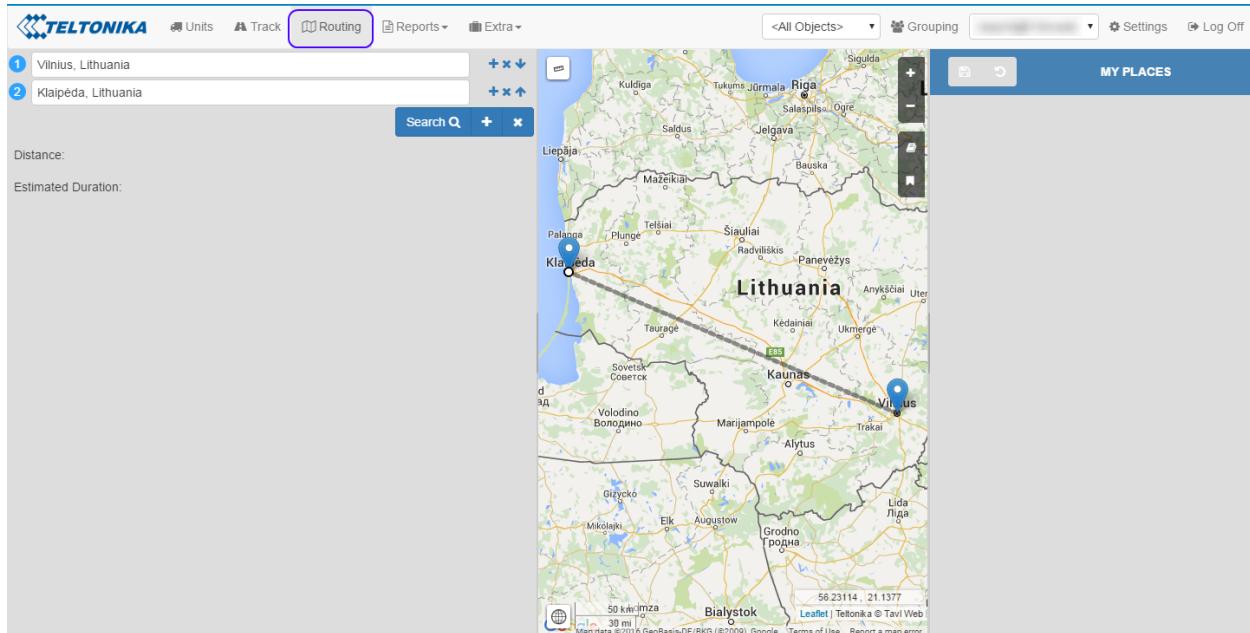


Figure 11. Routing

You can enter starting location and destination to search bar, just start typing the name of location and possible options will be visible in drop down list. Also, you can double click on start place in the map and you will see blue pointer, when double click on second point which you want add to route, when on third, fourth and etc. Depends of how many you need. It does not matter if pointer is set near the road (Figure 21), Web application will fit this route on the road (Figure 12).

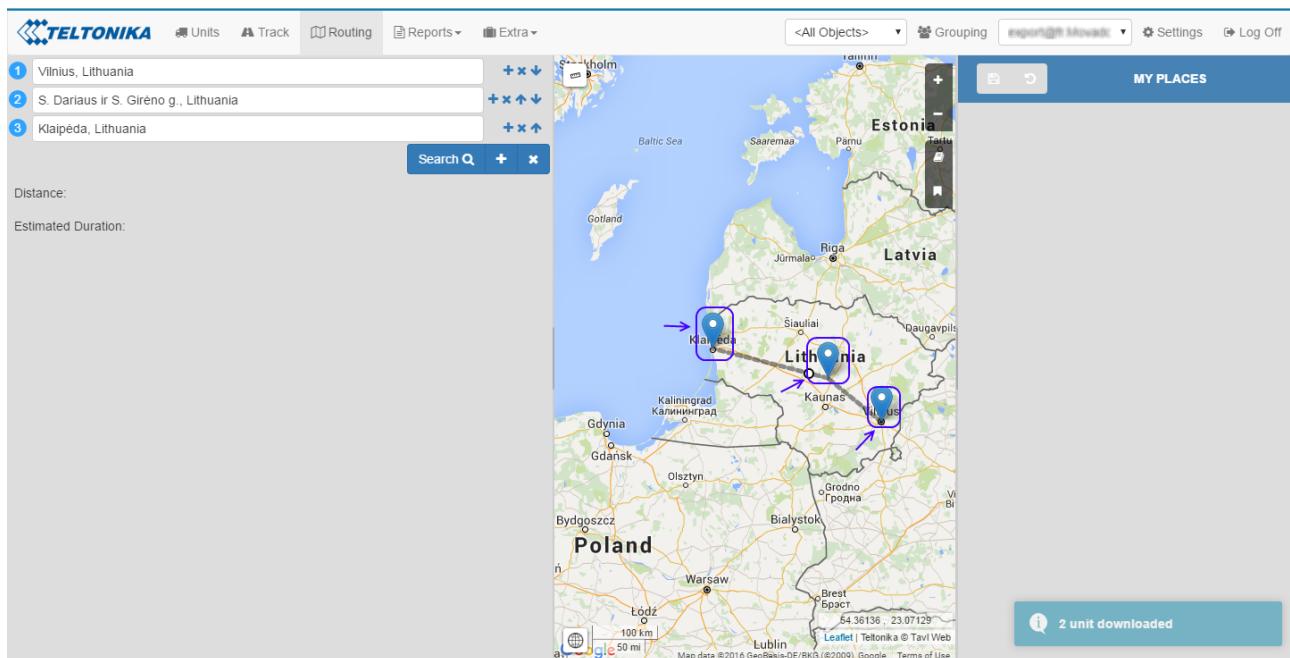


Figure 12. Route pointers

In Figure 12 you can see disordered set pointers, but routing feature will fix it and find the fastest way from point to point. Once points are set, press Search button and route will be drawn on the map. Distance and estimated trip duration are calculated (Figure 13).

In the left side corner you can see all point details, street or city names if route selection was made by clicking on the map.

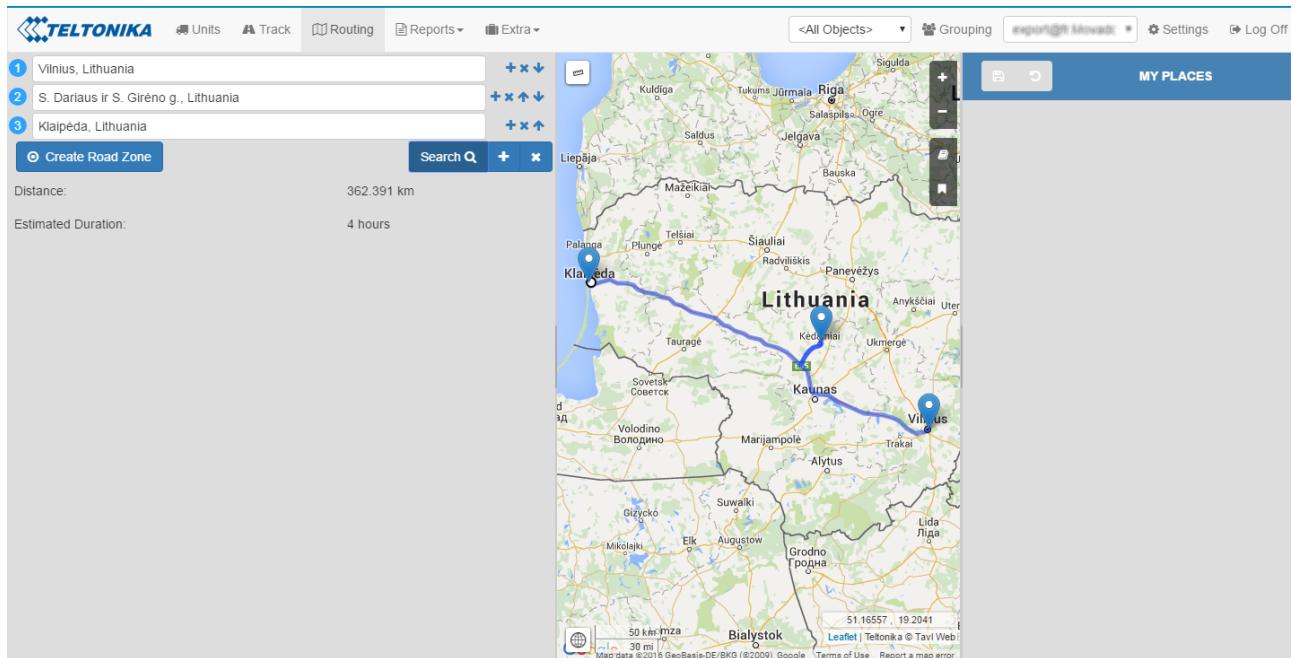


Figure 13. Finished route

- + - add stop to My Places
- ✖ - remove stop from Route
- ▼ / ▲ - move stop down/up the list

○ Create Road Zone

- This option allows to create Geo tunnel, to monitor if vehicle has travelled to destination by using set route.

Create Road Zone

Zone Group:	<input type="button" value="<No Group>"/>
Name:	<input type="text" value="enter zone name ..."/>
Comment:	<input type="text" value="enter comment ..."/>
Margin:	0.01
Diameter (km):	0.1
<input checked="" type="checkbox"/> Is Enabled	
<input style="background-color: #0070C0; color: white; border: 1px solid #0070C0; padding: 2px 10px; border-radius: 3px; font-weight: bold; margin-right: 10px;" type="button" value="OK"/> <input style="border: 1px solid #ccc; padding: 2px 10px; border-radius: 3px;" type="button" value="Cancel"/>	

4.3 Geofencing

Geofencing feature lets user create a virtual zone (GeoZone) on map and get a warning when predefined object leaves and/or enters that zone.

In Geofencing menu you can manage, create and delete geozones:

1. Create new Zone group
2. Zones groups name list
3. Edit Zone group
4. Delete zone group
5. Zones available in selected group
6. Focus Zone on the map
7. Delete Zone
8. Draw zone on the map: geo tunnel, polygon zone, rectangular zone, circle zone
9. Delete zones

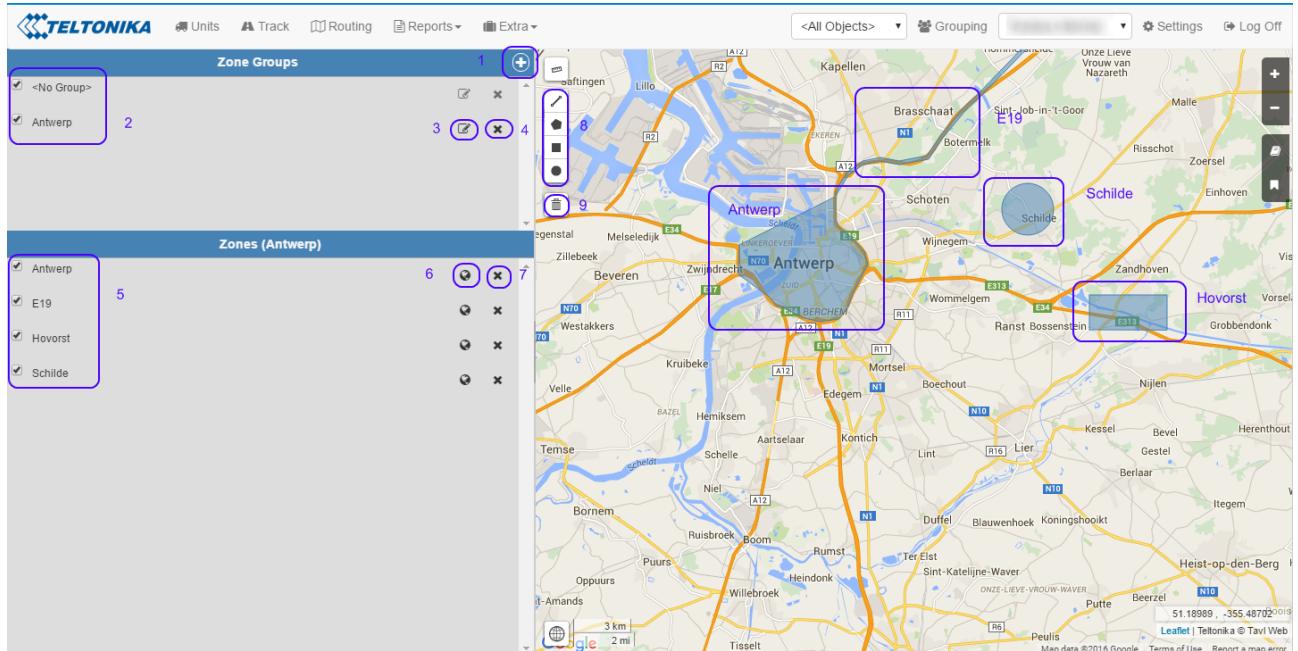


Figure 14. Geofence interface

To create a new group, click “create new group” button(1), enter Group name, comment and click OK button. Zone group will appear in the list (2). You can edit (3) group information or delete it (4).

To create a new geozone, firstly select the group name or <no group> which you want your geozone to be attached to. Then choose what geometrical type your geozone should be (8) and draw a zone on the map, enter your preferred parameters and click OK. Created zone will appear in the list (5). You can focus on each zone, by pressing  focus button (6) or delete it (7).

There are four types of zones, which can be created by drawing them on the map:

- 1) Geo tunnel
- 2) Polygon shaped
- 3) Rectangular
- 4) Circle

An example of rectangular Geo Zone creation is shown in Figure 15.

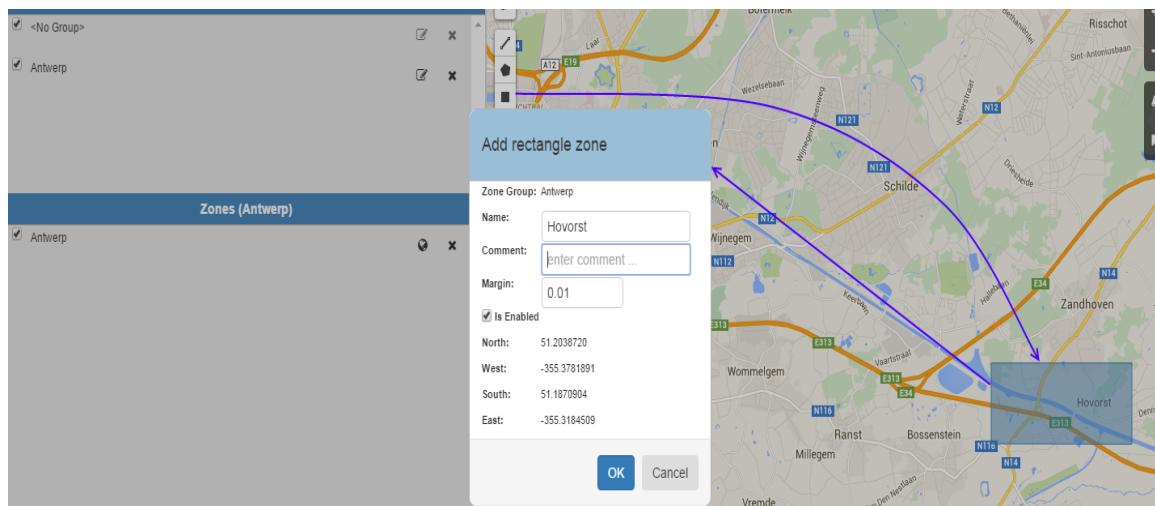


Figure 15. Creation of Geozone

4.4 Warning panel

This feature allows user to see previously emitted warnings. When using this view user has to select time period, there are two possible ways to do that. You can select direct date and time interval in date fields or just select default time interval by clicking clock button and click ‘Select’. Warning messages for selected time will appear in the message box. You can select to show the exact location of event on the map, or to get more details of that warning (Figure 16).

1. Time interval selection
2. Warning list
3. Warning details
4. Warning event location on map
5. Warning confirmation
6. Event filter

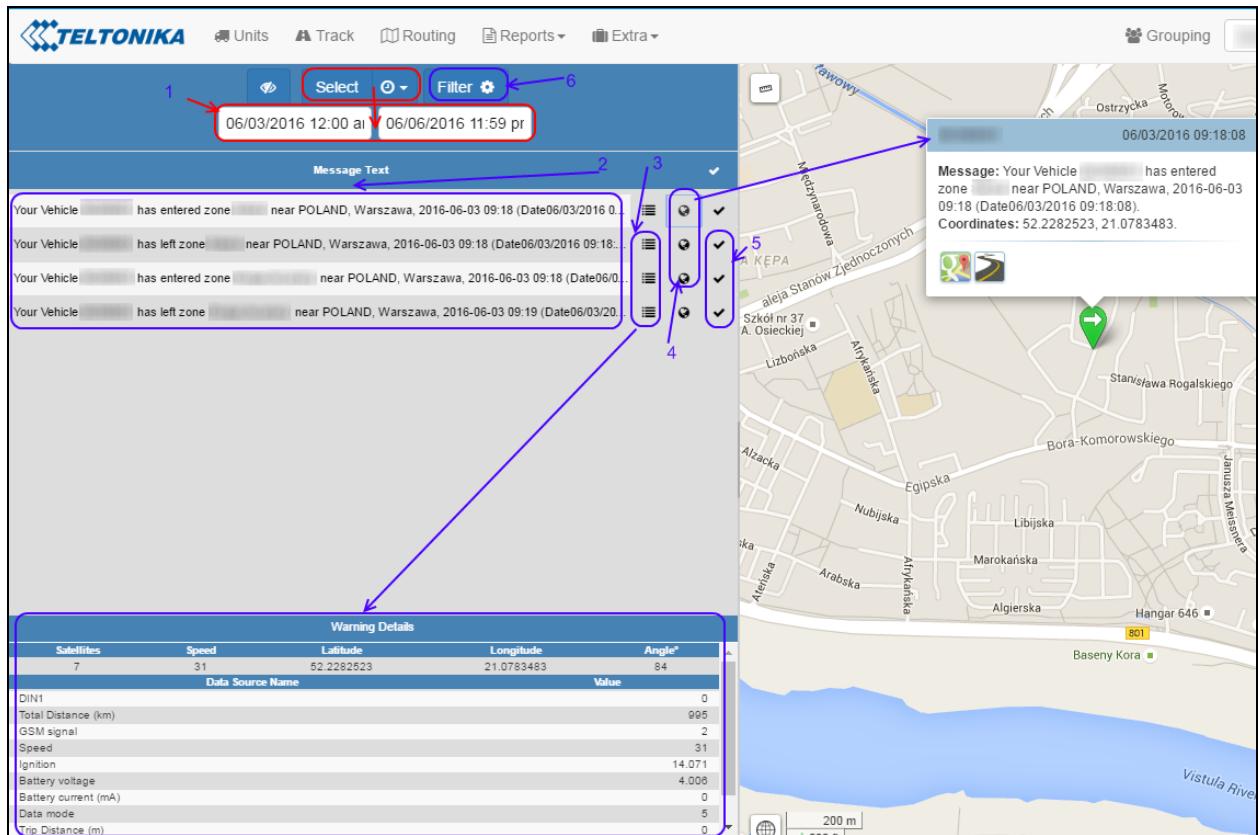


Figure 16. Warning panel

4.5 Messaging

You can use SMS tool to simply and quickly read and send SMS messages to and from drivers. To see the message list firstly check inbox/outbox buttons which messages you would like to see, select time interval of you messages should be displayed and click show button near the date field. You can also choose which information of your messages should be displayed, and search your messages (see Figure 17).

1. Date selection
2. New message composing
3. Select which messages (inbox/outbox) you want to see
4. Filter and search messages

From	To	Date/Time	Message	
	pauliusak	Paulius	a month ago	setparam 1247 1
	pauliusak	Paulius	17 days ago	setparam 130,1,1 Alerte GPS Cher client la voiture grise est dans la zone du corridor du KM 17
	pauliusak	Paulius	17 days ago	setparam 130,1,1 Alerte GPS Cher client la voiture grise est dans la zone du corridor du KM 17
	pauliusak	Paulius	17 days ago	setparam 130,1,1 Alerte GPS Cher client la voiture grise est dans la zone du corridor du KM 17
	pauliusak	Paulius	17 days ago	setparam 100,1,5,Digital Input 1 Event!
	pauliusak	Paulius	17 days ago	setparam 130,1,1 Alerte GPS Cher client la voiture grise est dans la zone du corridor du KM 17
	pauliusak	Paulius	17 days ago	setparam 100,1,5,Digital Input 1 Event!
	pauliusak	Paulius	17 days ago	setparam 100,1,150,Digital Input 1 Event!

Figure 17. SMS list

To compose a new message, press compose button. In the opened window select the drivers for which you want to send a message (drivers should be created using Teltonika TAVL application, see “TAVL manual”). You can choose to use your prepared templates or you can write a new text, after that press send button.

To create new templates write your message in text field, click “save” button, in the opened field write a name for your template and click ok, your template will be saved. (See Figure 18).

Note: SMS sending service is charged extra.

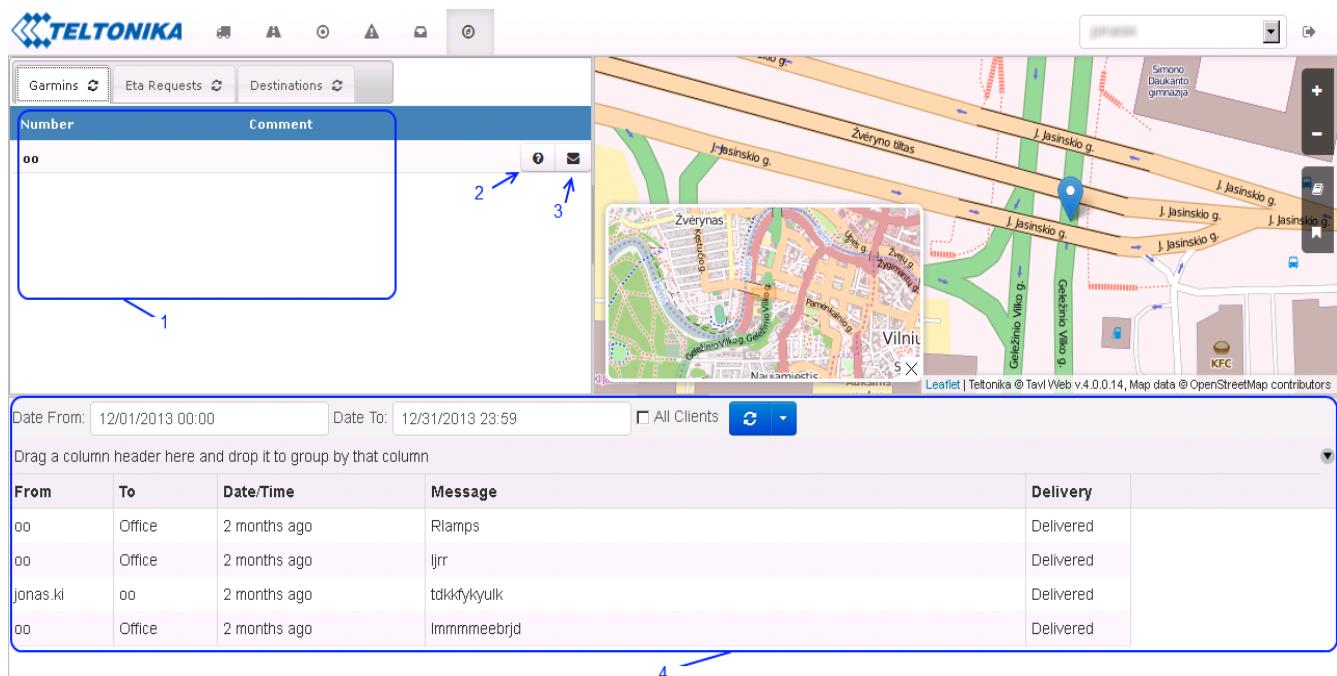
Figure 18. Message compose

4.6 Garmin functionality

This feature lets you communicate with driver via “Garmin” navigation device. In Garmin menu you can send and read messages from Garmin device, request estimated time of arrival (ETA) to current destination point, as well send new destination point to Garmin device.

To get more information about Teltonika devices compatible with Garmin solution and other information about this feature, contact your Teltonika export manager.

1. Object with Garmin device installed list
2. ETA request sending button
3. SMS message sending to Garmin device button
4. Garmin message box



The screenshot shows the Teltonika software interface with the following elements:

- Top Bar:** Includes the Teltonika logo, a search bar, and several icons (gear, user, etc.).
- Left Sidebar:** Buttons for "Garmins", "Eta Requests", and "Destinations".
- Main Area:**
 - Map:** A map of Vilnius with various streets labeled in Lithuanian (e.g., Žvėryno tiltas, J. Jasinskio g.). A blue marker indicates a location.
 - Table:** A table titled "Number" and "Comment" showing a single entry "oo". Three numbered arrows (2, 3, 4) point to the "Comment" column, the "Comment" column header, and the bottom of the table respectively.
 - Message Log:** A table showing a history of messages. The columns are "From", "To", "Date/Time", "Message", and "Delivery". The log shows four entries, all marked as "Delivered".
 - Bottom Controls:** Date range selector ("Date From: 12/01/2013 00:00" to "Date To: 12/31/2013 23:59"), a "All Clients" checkbox, and a "refresh" button.

Figure 19. Garmin menu

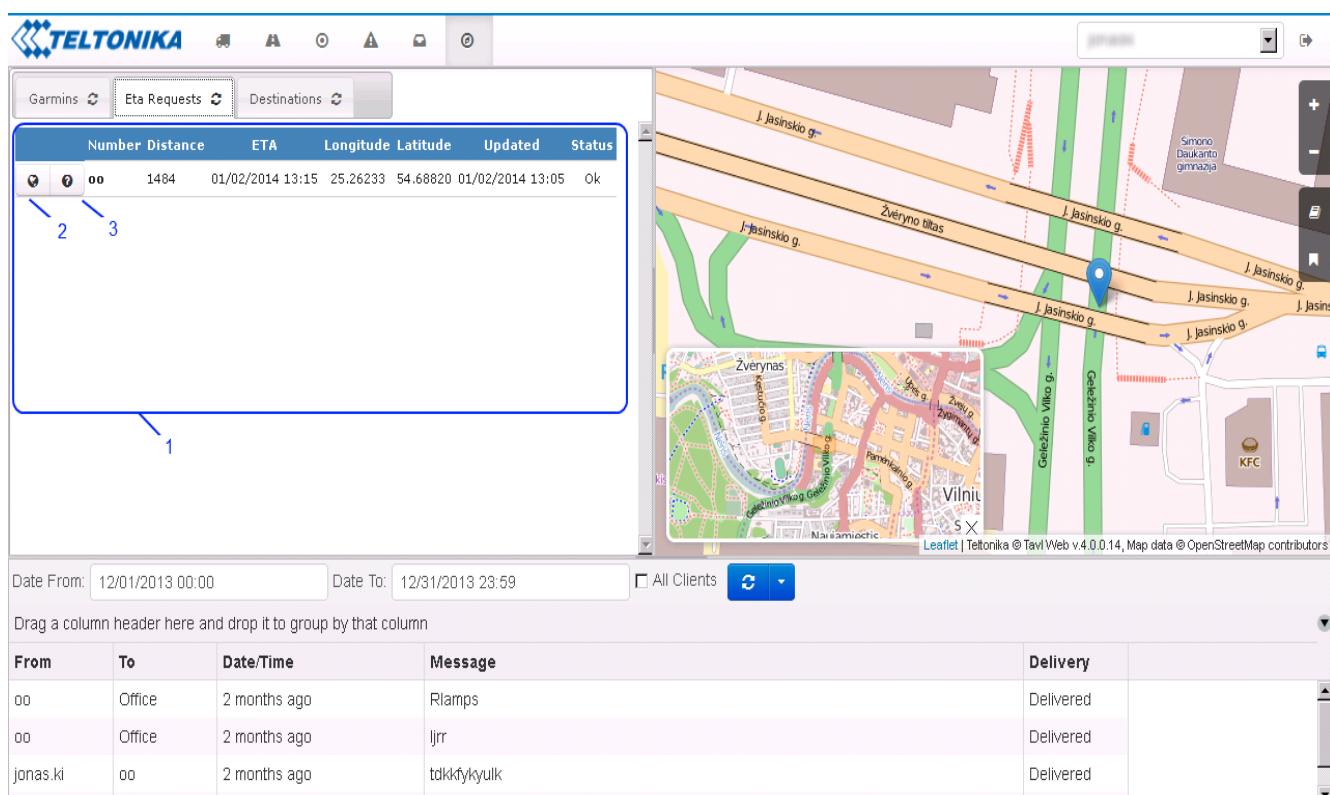


Figure 20. Garmin message

To send a message to Garmin device click “SMS message sending” button in the object list, message window will appear, type your message and click send.

In ETA request menu you can see exact object location and send ETA requests. You can see object location and ETA information of all devices in “object location and ETA information” list. To see object location on map press “show location on map” button and map will be focused to your object. To send ETA request press “send ETA request” button (Figure 21)

1. Object location and ETA information list
2. show location on map button
3. send ETA request



Number	Distance	ETA	Longitude	Latitude	Updated	Status
00	1484	01/02/2014 13:15	25.26233	54.68820	01/02/2014 13:05	Ok

From	To	Date/Time	Message	Delivery
00	Office	2 months ago	Rlamps	Delivered
00	Office	2 months ago	Ijrr	Delivered
jonas.ki	00	2 months ago	tdkkfykyulk	Delivered

Figure 21. ETA request menu

In Destination menu, you can plan your vehicles route by adding new destinations or removing them, new destinations can be added to the end of a route or to every other part of the route destinations can also be switched by priorities with each other any time later.

1. Add new destinations to your route
2. Focus destination on map
3. Switch destination priority on route
4. Remove destination from route

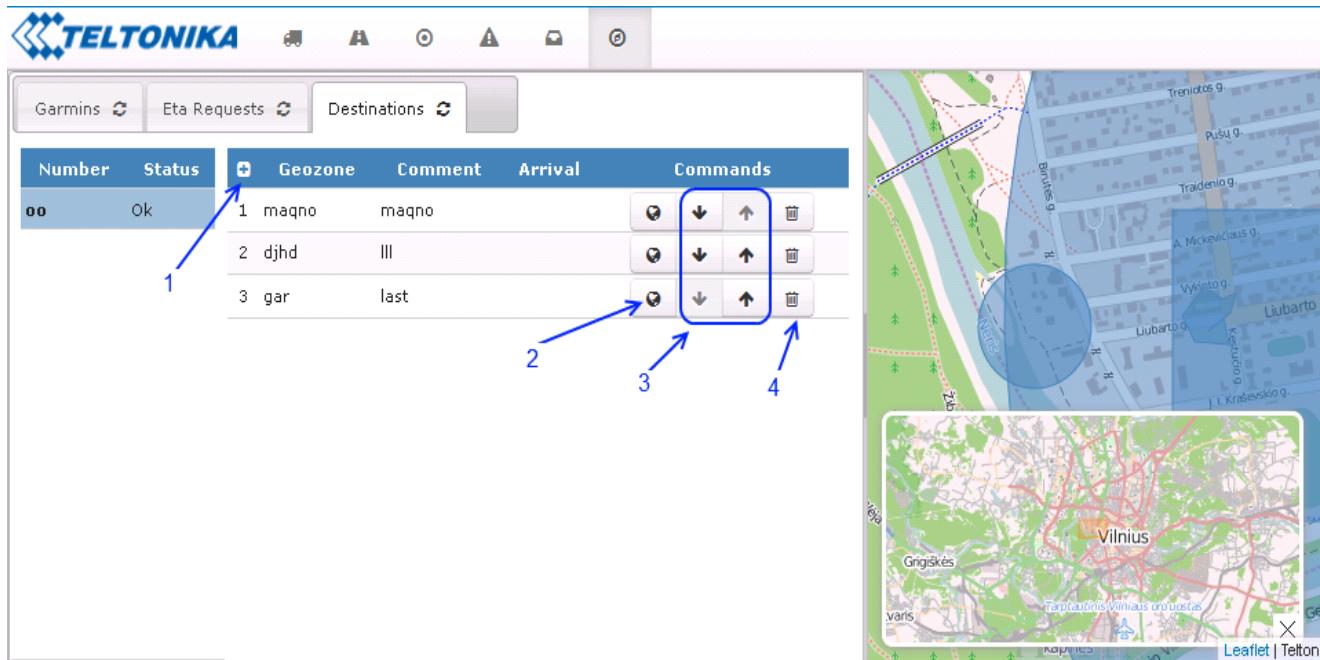


Figure 22. Destination menu.

To add a point to your destination, at first a geozone of that point must be created (see paragraph). To add a new point to the route, click “Add” (+) button, select a geozone, write short comment of that destination and click save, new geozone will appear in your route, you can change point priority on the route by destination priority switching buttons. Note that geozone would be visible on map it must be enabled in Geofencing menu at first (see paragraph 4.3).

4.7 Bigger map

Sometimes you need to see a lot of objects at the same time in the map window, but a big part of it is occupied from both sides with the additional information. Bigger map feature lets you to hide both toolbars. Simply press yellow marker on left toolbar side like shown on “Figure 23”, and the same on right side

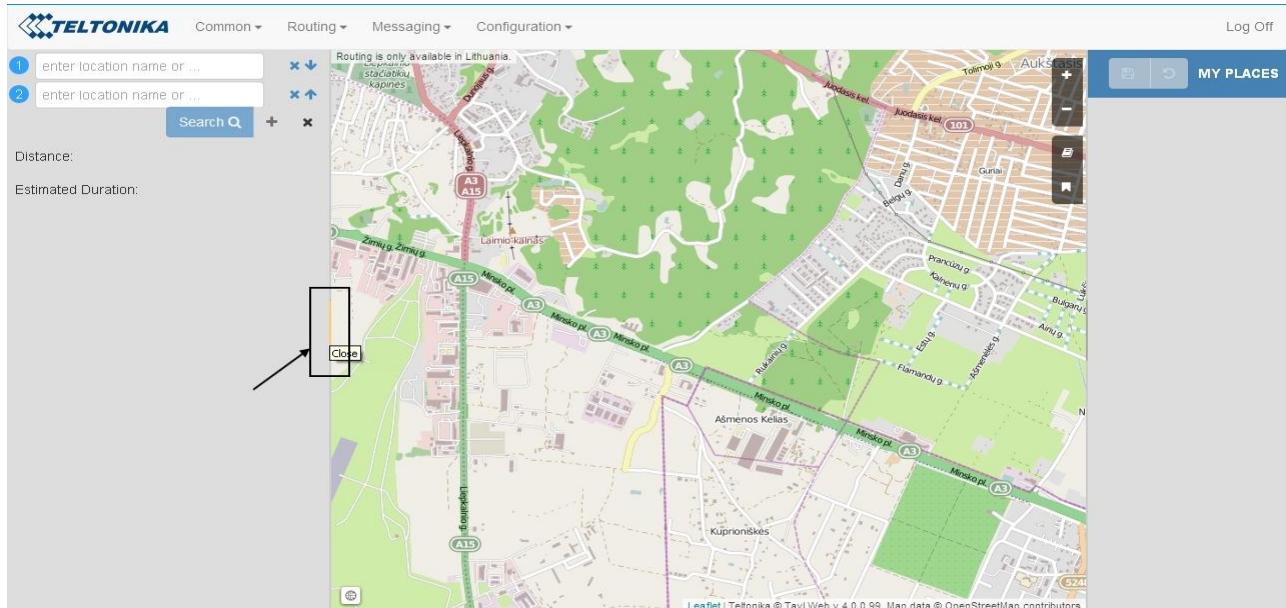


Figure 23. Yellow marker location

When you press that small yellow line will see this, more comfortable view “Figure 24”.

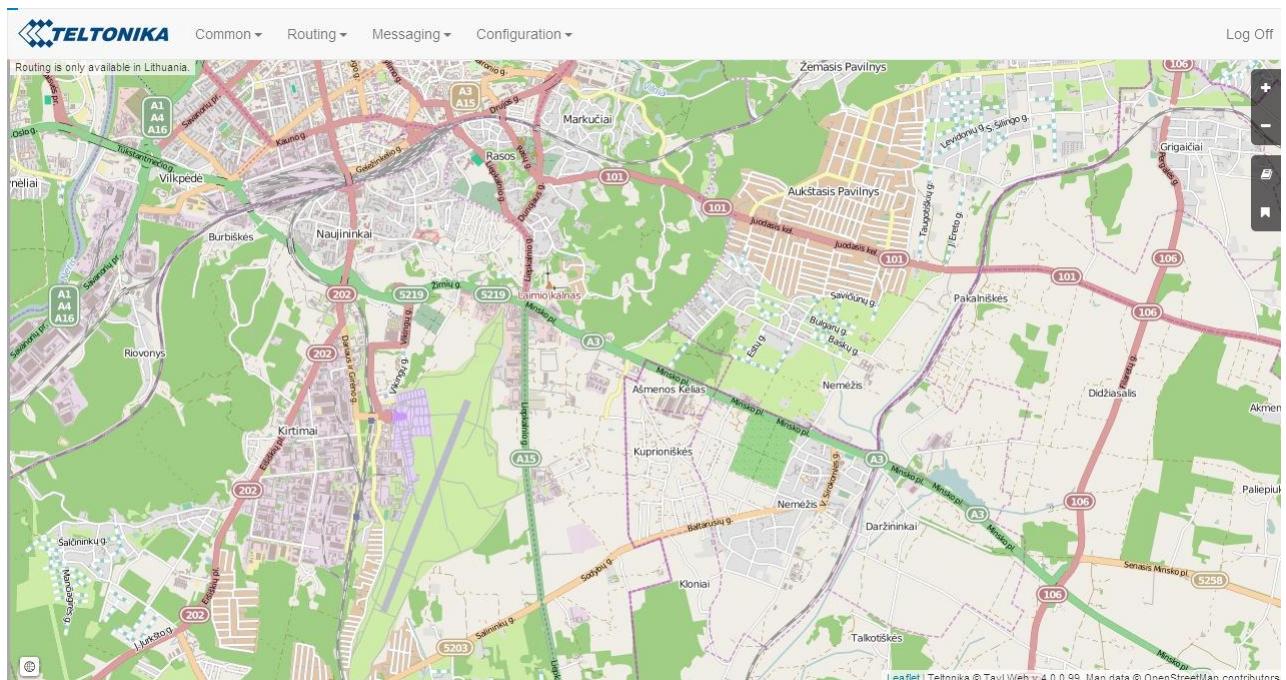


Figure 24. Bigger map

4.8 GoToReports

Reports feature lets you easily get reports about driven distance, geofencing, route and etc.

In “Figure 25” you see report list, simply press which you need and report will be shown to you.

For more information about getting a report, look at paragraph 4.13.

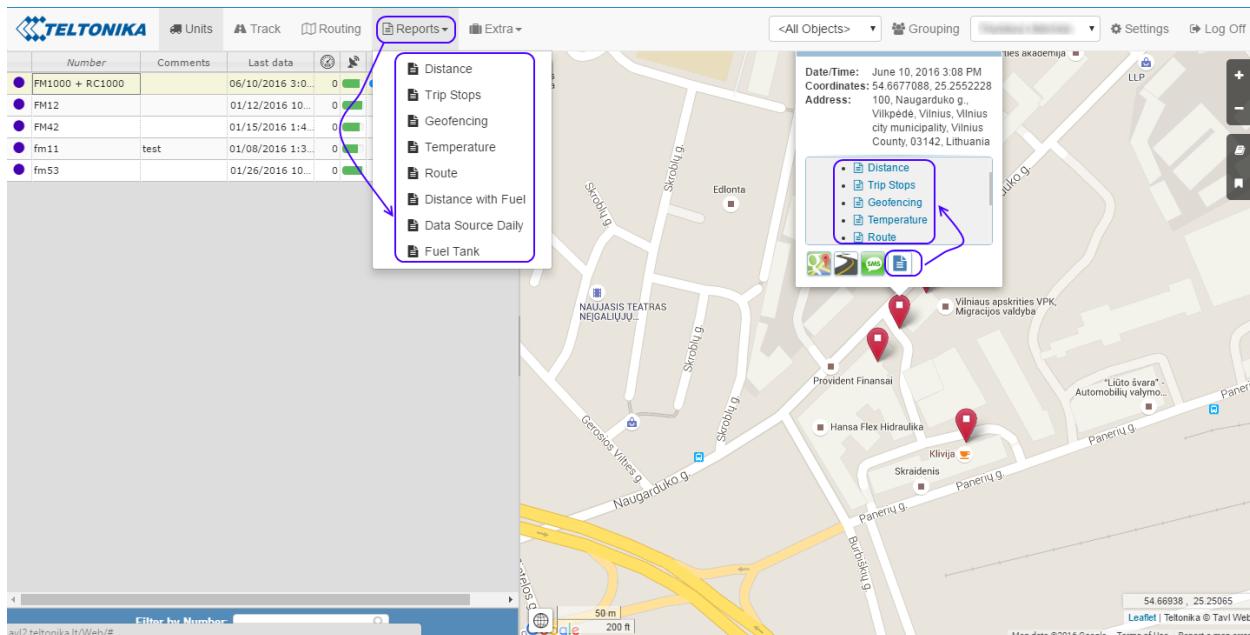


Figure 25. GoToReports

4.9 Filtering by number

If you have lots of devices maybe hundreds or thousands, it is very difficult to find the device you need. It is not. This feature lets you find any device by its number. Not necessary to write all number just write few first digits and will see much less devices “Figure 26”

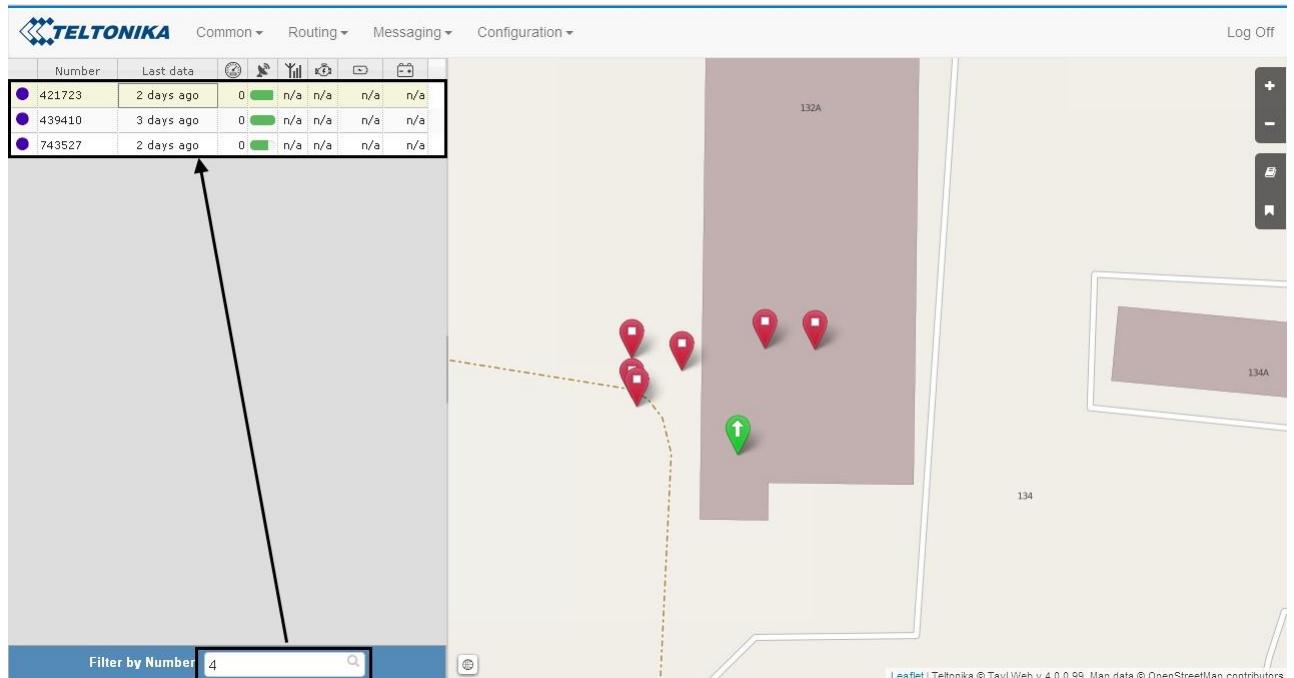


Figure 26. Filter

4.10 Settings

If you want to set up details in your device, you have to go to settings like it is shown in the Figure 27.

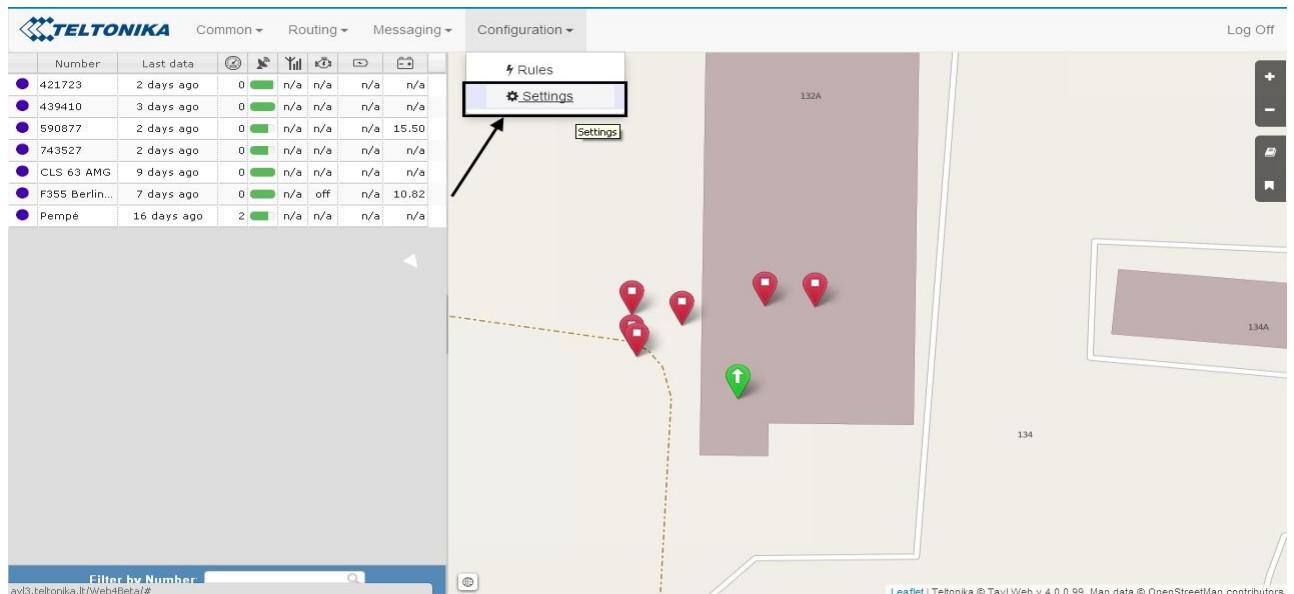


Figure 27. Settings

In “Figure 28” you can see all settings from measurement system to tracking parameters.

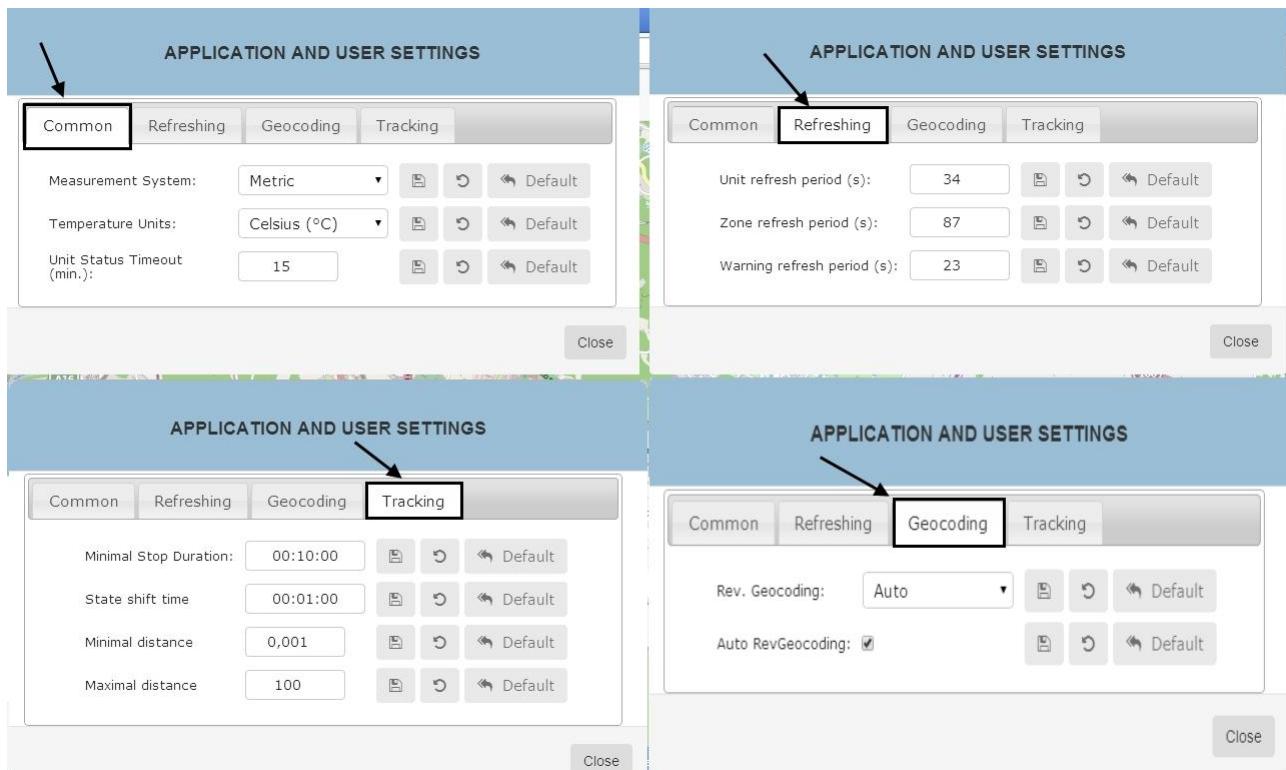


Figure 28. Settings bar

4.11 Warning rules

Feature lets you make 8 different warnings, in configuration menu press rules like shown in "Figure 29".

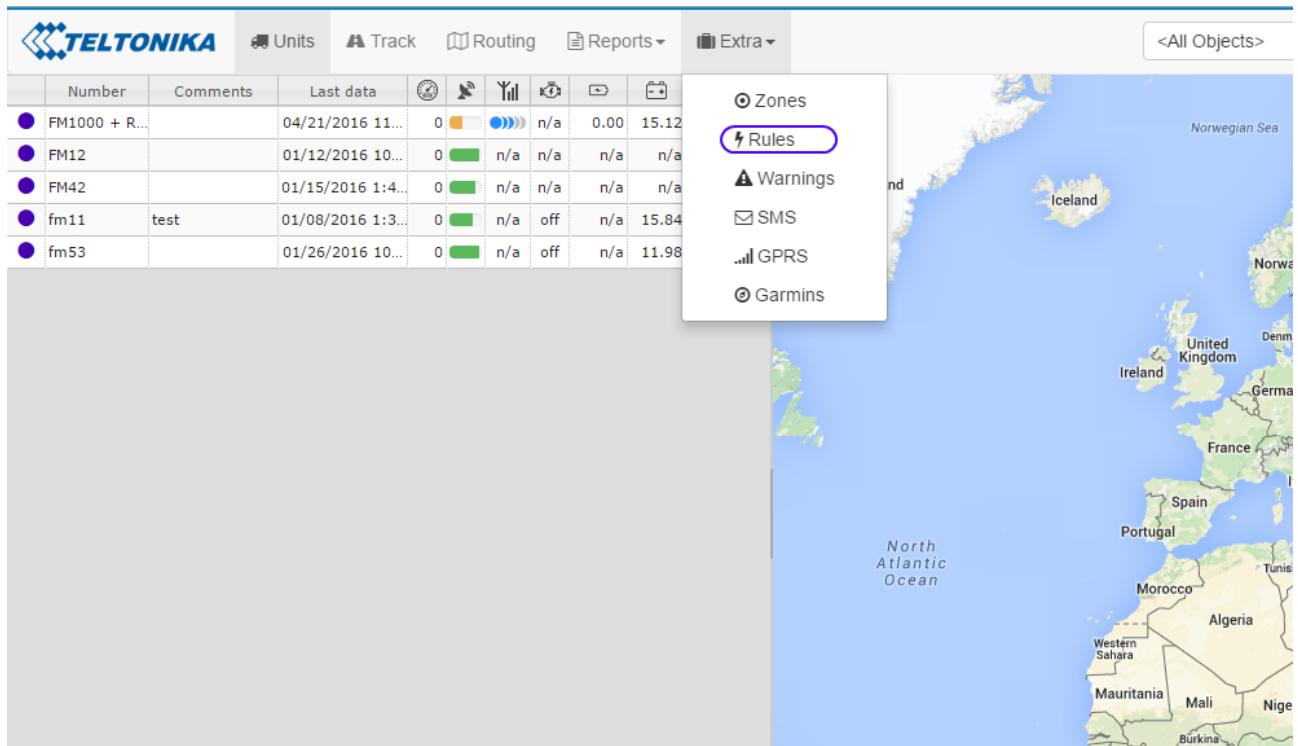


Figure 29. Rules

Press + near the warning rules and choose warning from the list. "Figure 30"

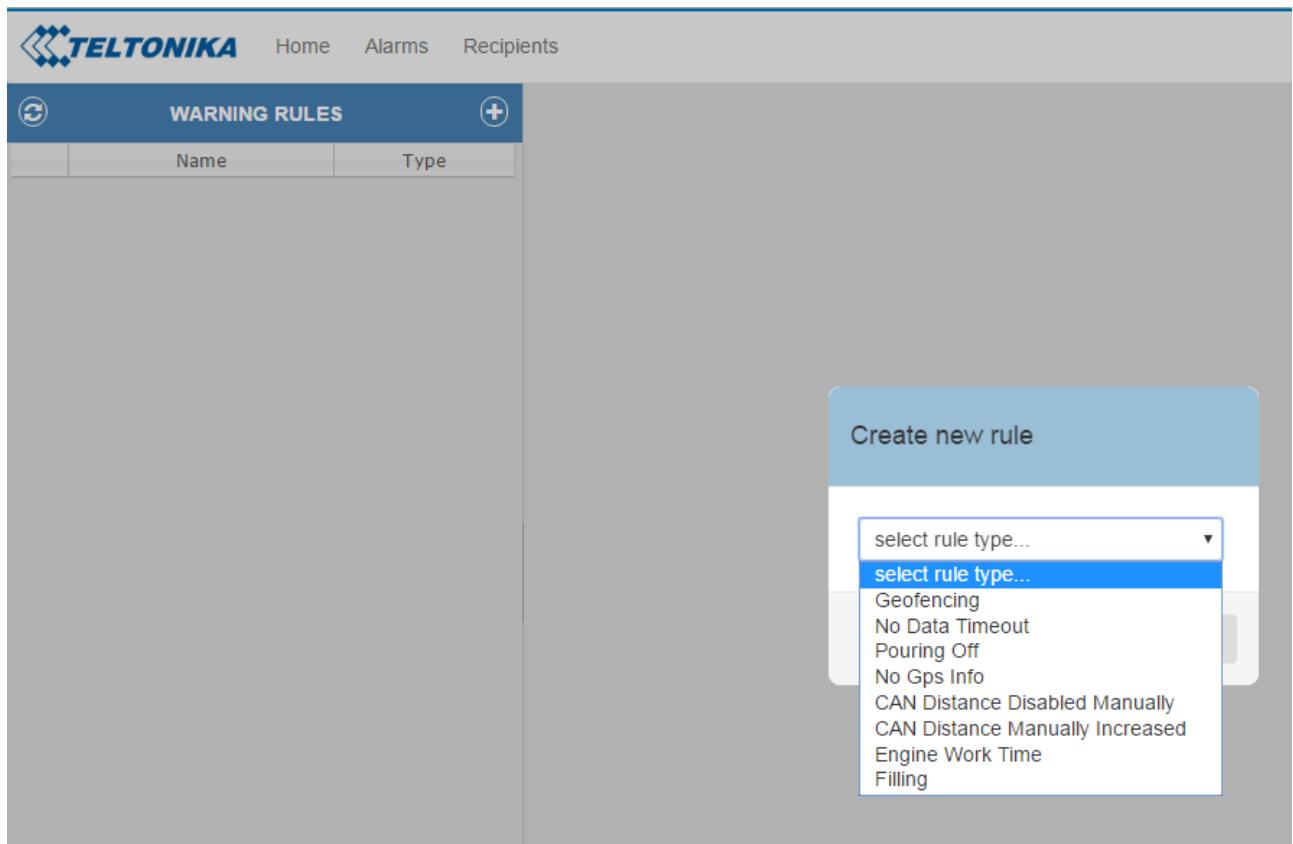


Figure 30. Warnings list

For example, if you choose stop inside Geofencing, it means that when you stop in configured geozone, you will get a warning. "Figure 31"

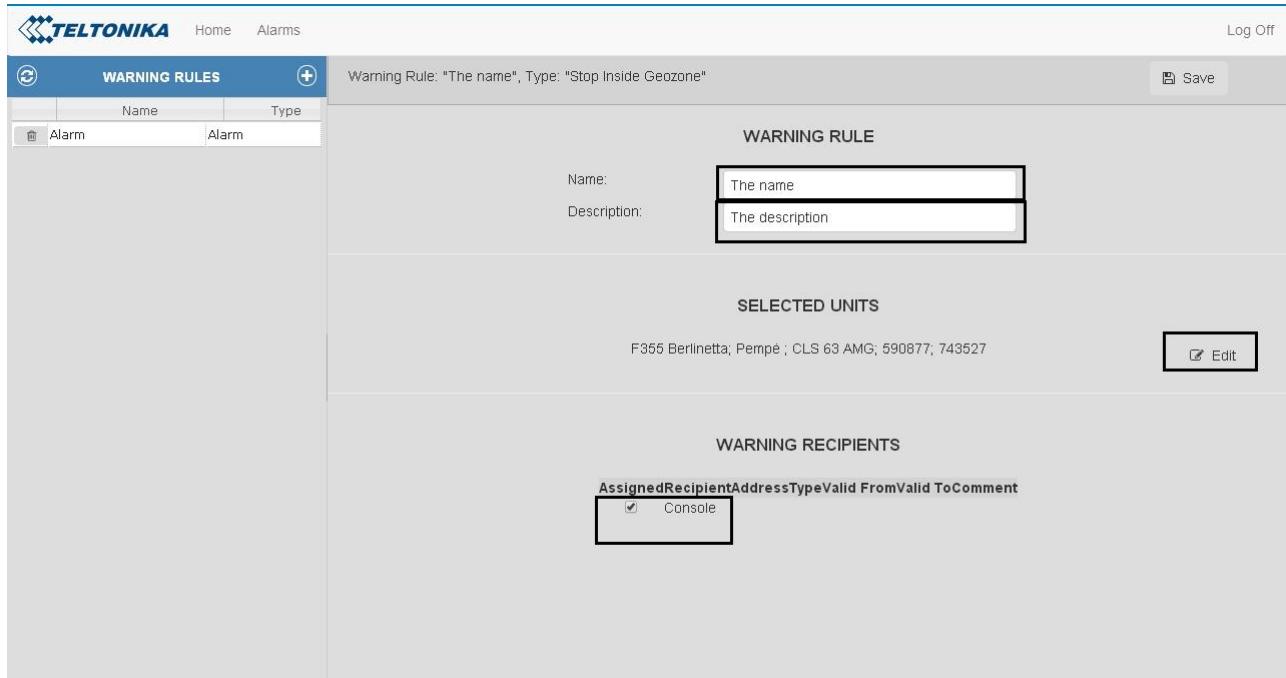


Figure 31. Warning rule geozone

In the WARNING RULE write the warning name, some description (not necessary)

In SELECTED UNITS press edit and in the list choose units which must be controlled by warning.
And check console.

4.12 GPRS Command sending

This feature lets you sent command to the device directly from server. In “Figure 32” you can see where to find it.

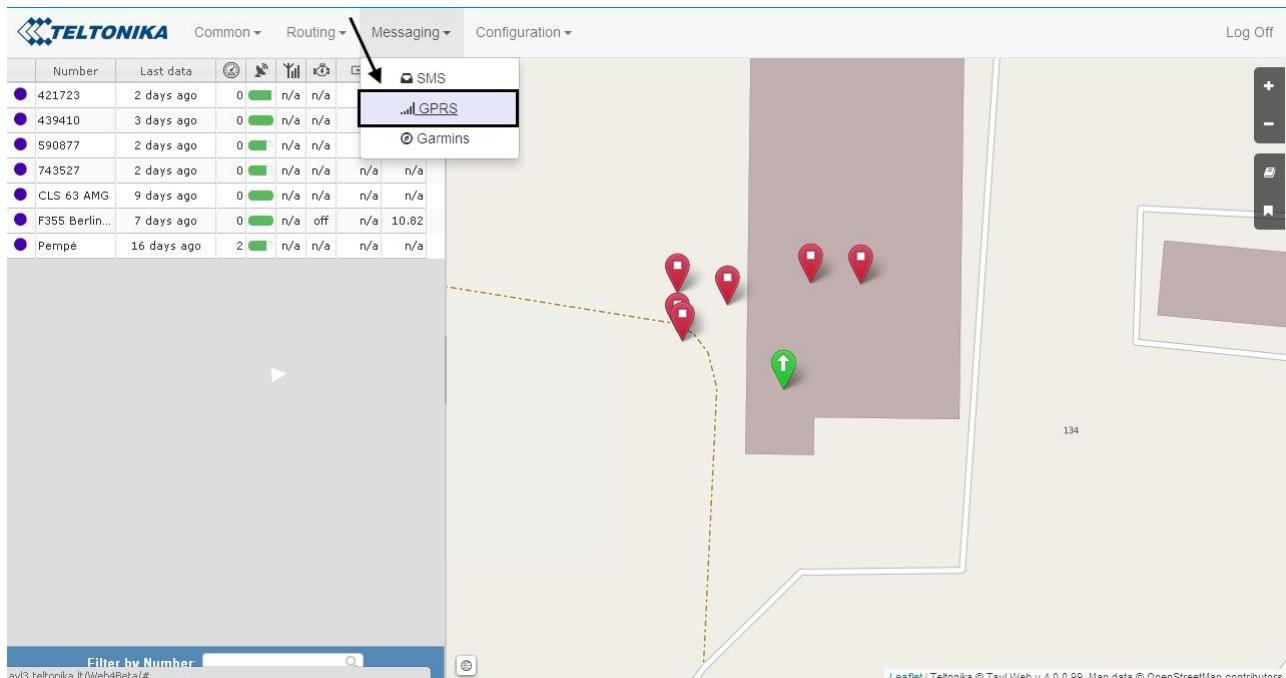


Figure 32. GPRS

Press GPRS and you will get the view like shown in “Figure 33”.

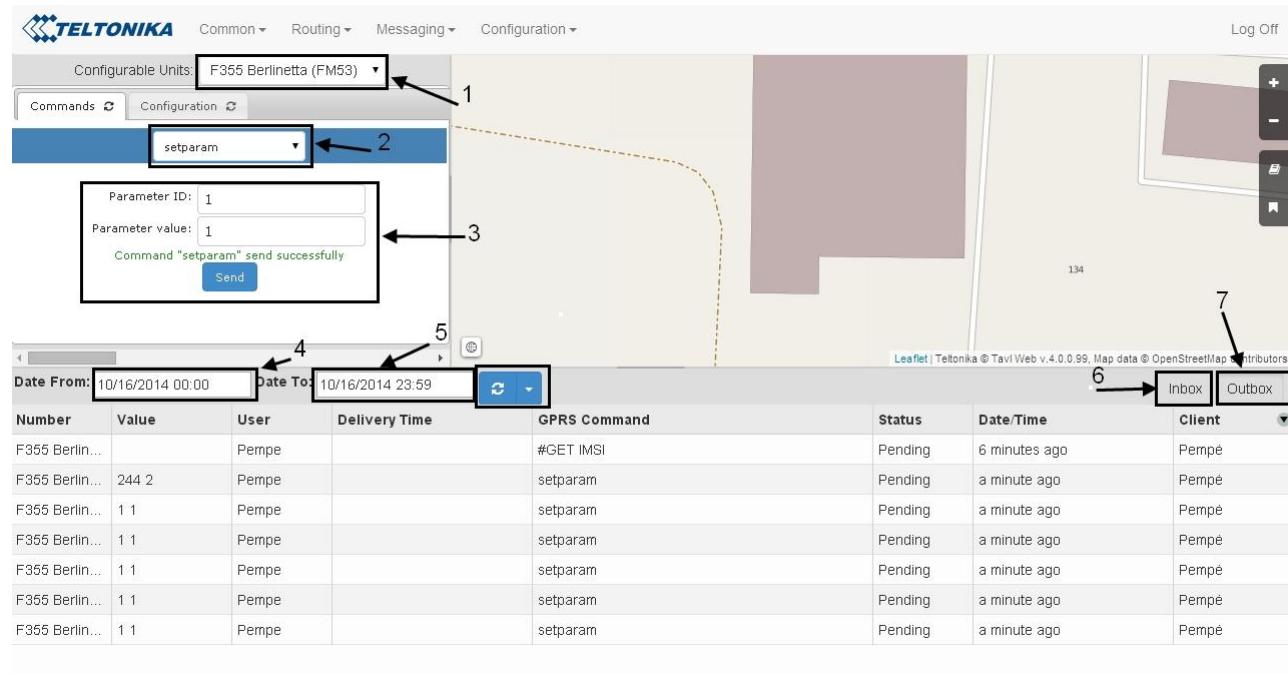


Figure 33. GPRS command sending

This is the main GPRS commands window.

1. Configurable units (first you need to choose device or some to configure).
2. Parameter command (there are all GPRS commands, choose which you need and move forward).
3. Parameter values (depends on commands, in example is setparam, and there you need to write ID and value).

Below is messages window.

4. Date from when showing messages.
5. Date till when showing messages.
6. Inbox
7. Outbox

When you sending a command, in message window outbox shows: “command sent”, when message reach the target, device sent you message informing about that.

Second message from device to you is informing that configuration changed.

4.13 Reports

If you need to get report of your driven distance, geofencing and etc, press Reports or report icon in object window and chose required report as it is shown in “Figure 34”

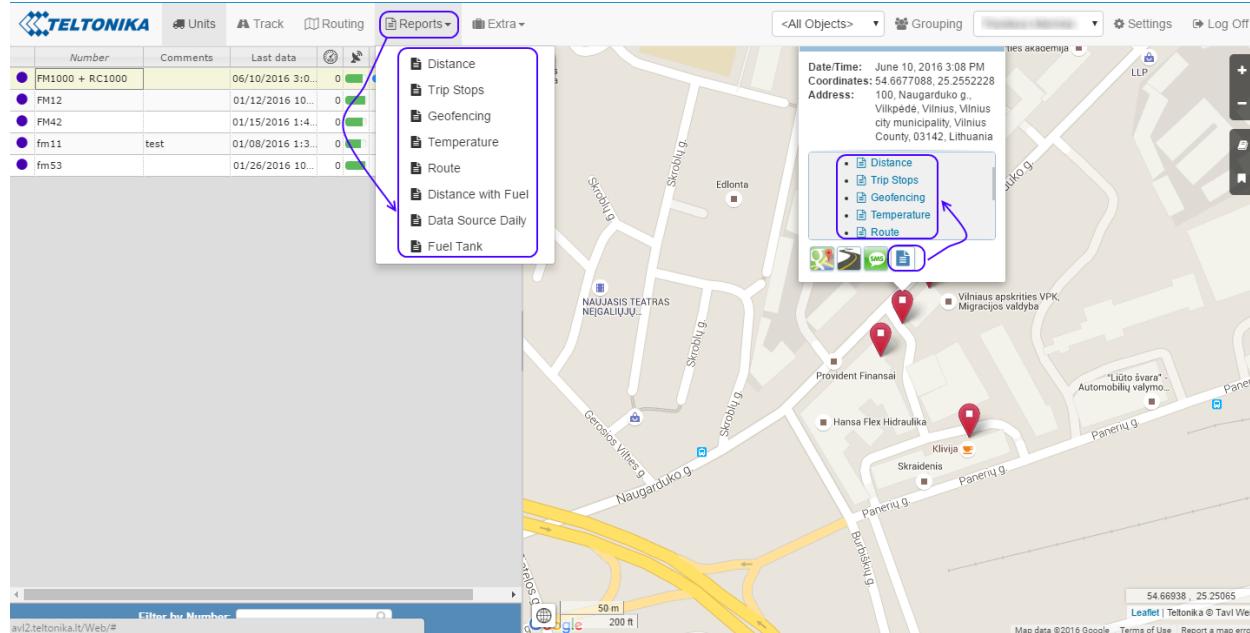


Figure 34. Reporting

Then you will see the reports window (Figure 35).

The screenshot shows the 'Driven Distance' report window. At the top, there is a navigation bar with 'Home' and 'Reports' buttons, and a 'Log Off' link. Below the navigation is a toolbar with icons for search, refresh, and other functions. A date selector shows '10/16/20'. A sidebar on the left lists report types: Data Source Daily, Distance, Distance with Fuel, Fuel Tank, Geofencing, Route, Temperature, and Trip Stops. The main content area displays a summary for 'Pempė' on '10/15/2014'. It shows '0.00 AM' and '10/15/2014 11:59:59 PM' as the time range, and 'Mileage (km)' with a value of '0.08'. A 'Comment' section is present. On the right, there are sections for 'Actions' (with a 'Show' button), 'Time Interval' (with 'From: 09/15/2014 00:00' and 'To: 10/15/2014 23:59'), and 'Filters' (with 'Units: Unit selected' and 'Distance: GPS'). The URL at the bottom is 'av13.teltonika.lt/Web4Beta/reporting#/4384/-3/REPORT.DRIVEDISTANCE'.

Figure 35. Reports window

1. Select report type (detailed information for each report is in chapters 4.13.1 to 4.13.8)
2. In order to get a certain report, in the Filters bar you need to select units (at least one), and other settings (those occur when a particular report is chosen).

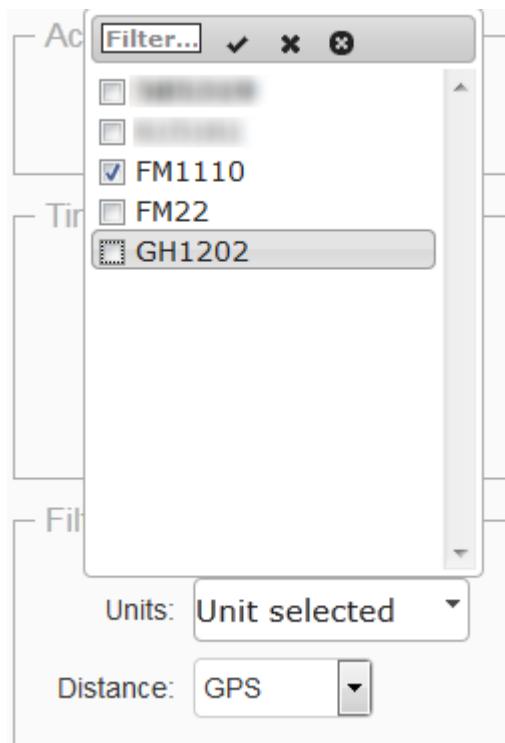


Figure 36. Filters bar menu

If you have a lot of devices, for the faster and a more comfortable unit selection process, Filters menu has a toolbar. There you can type a particular unit name which you want to select, or choose to mark/unmark all units in the list.

3. Set the date and time, from when till when you need to get a report.

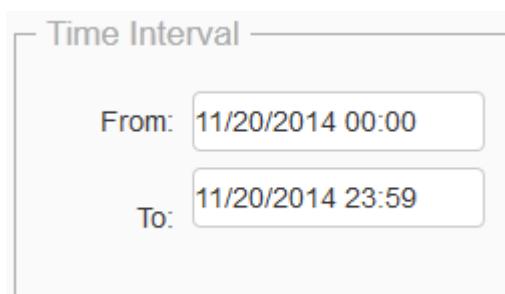


Figure 37. Time interval bar

Here you can choose a certain time period manually, from which you want to get a report, and after it is set, press Show button in the Actions bar. However, the faster way to set this period is by using the upper Actions bar menu (explained below).

4. In the Actions bar menu (Figure 38) you can use Show button (if a time period for the report is set) or pick a period of time from the extended list. Your selection here (from when to when) will be seen in the Time Interval bar below.

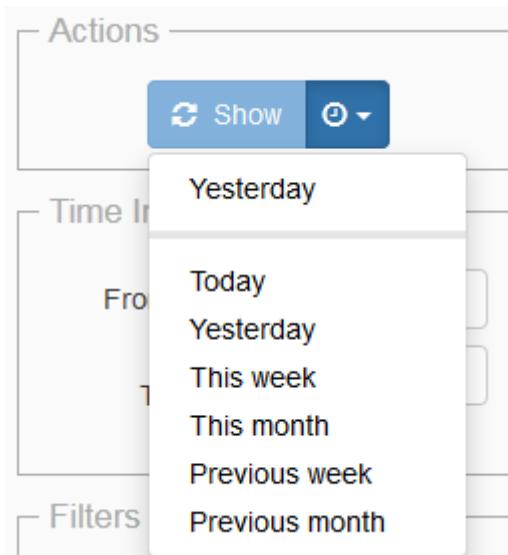
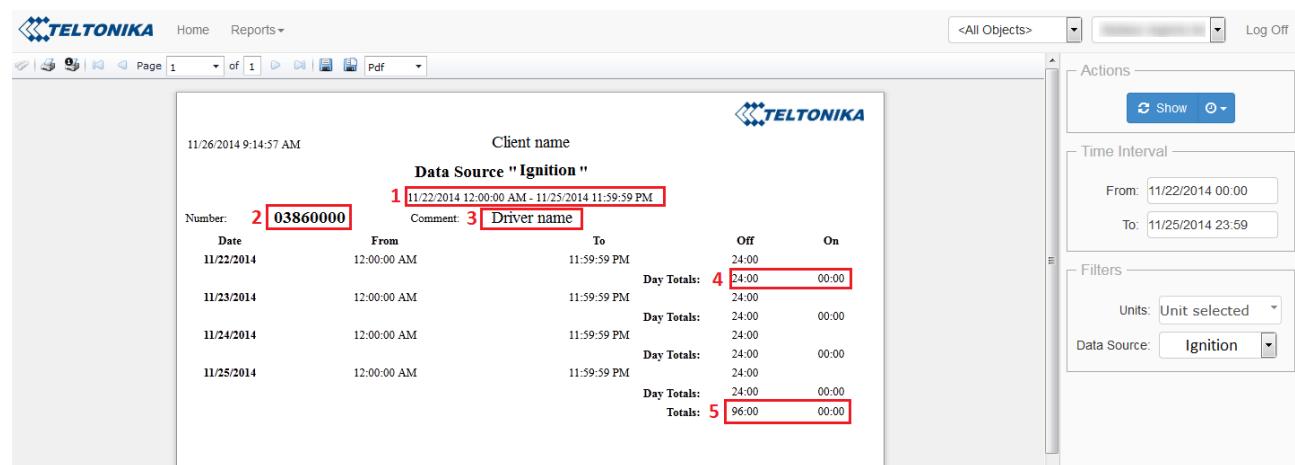


Figure 38. Actions bar

4.13.1 Data Source Daily report

This report is used to show for how long a selected data source of the chosen unit was on/off every day (Figure 39). **Note:** only DIN1, DIN2, DIN3, DIN4 object data sources can be used for this report.



Date	From	To	Off	On
11/22/2014	12:00:00 AM	11:59:59 PM	24:00	00:00
Day Totals:			4 24:00	00:00
11/23/2014	12:00:00 AM	11:59:59 PM	24:00	00:00
Day Totals:			4 24:00	00:00
11/24/2014	12:00:00 AM	11:59:59 PM	24:00	00:00
Day Totals:			4 24:00	00:00
11/25/2014	12:00:00 AM	11:59:59 PM	24:00	00:00
Day Totals:			4 24:00	00:00
Totals:			5 96:00	00:00

Figure 39. Data Source Daily report window

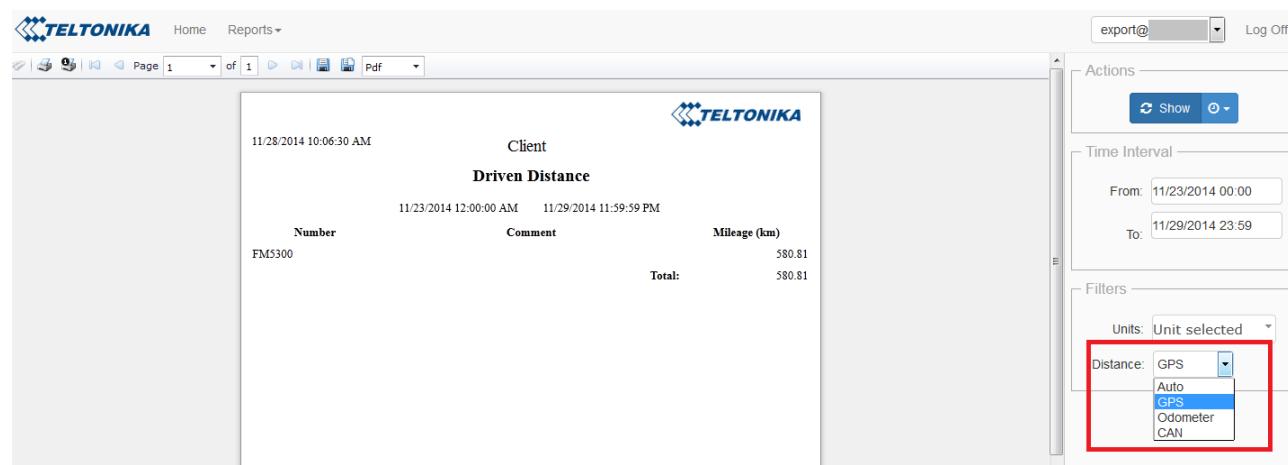
If you have more than one data source created for your particular units, then in the Filters bar you will have to select a unit and to choose a particular data source for it. After you have done it, set a time period for which the report will be calculated and press Show button.

In the Data Source Daily report window (Figure 39) marked fields are used for:

1. A period of time for which the report is calculated.
2. Object's number (or it can be for example: a device serial number).
3. A comment (there can be written driver's name or other information).
4. Two calculated time values for one day (the first one shows how long a data source was turned Off, the second one is how long a selected data source was put into action - On).
5. Two calculated values of the data source being Off/On for the total period of time in the report.

4.13.2 Distance report

This report (Figure 40) shows a total driven distance of a selected object for the chosen period of time.



The screenshot shows the 'Driven Distance' report for a client. The report details the following information:

Number	Comment	Mileage (km)
FM5300		580.81
Total:		580.81

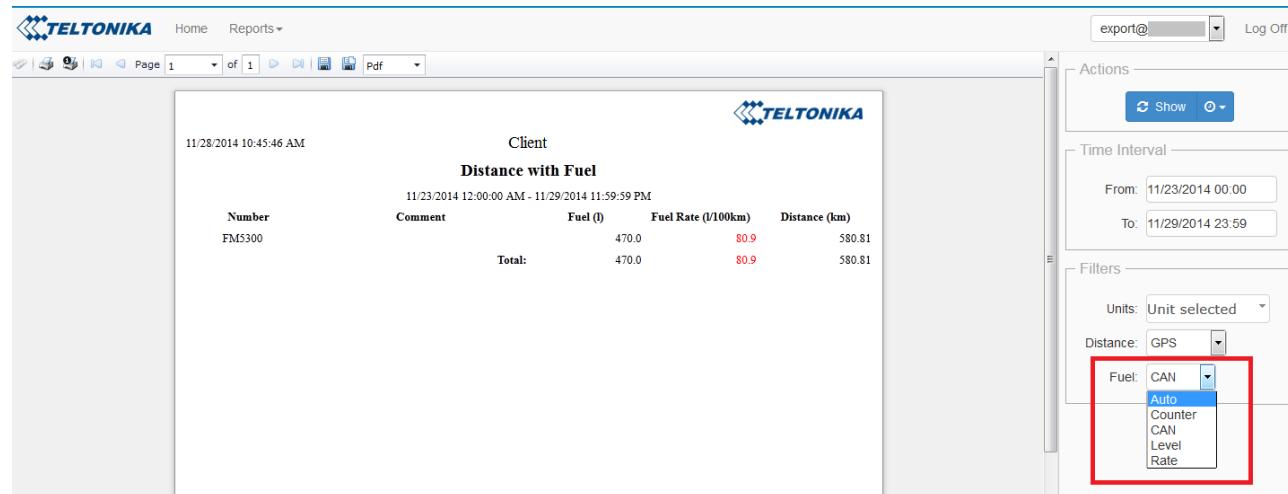
The report is dated from 11/23/2014 12:00:00 AM to 11/29/2014 11:59:59 PM. The 'Actions' panel includes a 'Show' button and a 'Time Interval' section with 'From' and 'To' date pickers. The 'Filters' panel shows 'Unit selected' under 'Units' and a dropdown menu for 'Distance' with options: GPS (selected), Auto, GPS, Odometer, and CAN. The 'Distance' dropdown menu is highlighted with a red box.

Figure 40. Driven Distance report window

Here, in the marked Filters bar field you have to additionally choose a distance source type for the report (Auto/GPS/Odometer/CAN).

4.13.3 Distance with Fuel report

This report (Figure 41) shows driven distance and the amount of fuel burnt in a certain period of time. Also an average number of liters that would approximately be needed for 100 km is calculated.



Number	Comment	Fuel (l)	Fuel Rate (l/100km)	Distance (km)
FM5300		470.0	80.9	580.81
Total:		470.0	80.9	580.81

Figure 41. Distance with Fuel report window

Here in the marked field (Figure 41) you have to additionally choose a fuel source type:

- Auto – information about fuel is taken from the source that is set on server;
- Counter – information from fuel counter about the fuel amount that has passed;
- CAN – information about fuel that is received from CAN fuel counter;
- Level – information about fuel level is taken from analog or LLS sensor;
- Rate – an information about fuel that is set in the system (if this source type is chosen, also max rate can be set).

It means that not only distance calculations will be done. In the report window, there are two additional columns:

- Fuel (l) column is for fuel amount that was used in a chosen time period;
- Fuel rate (l/100 km) shows an average fuel amount for 100 km.

At the end of report's table total used fuel (l) and the driven distance are calculated from all chosen units. Fuel rate here is calculated according to the total fuel and distance.

4.13.4 Fuel Tank report

This report shows the exact date with a value of fuel (l) that was filled in/poured off the fuel tank.

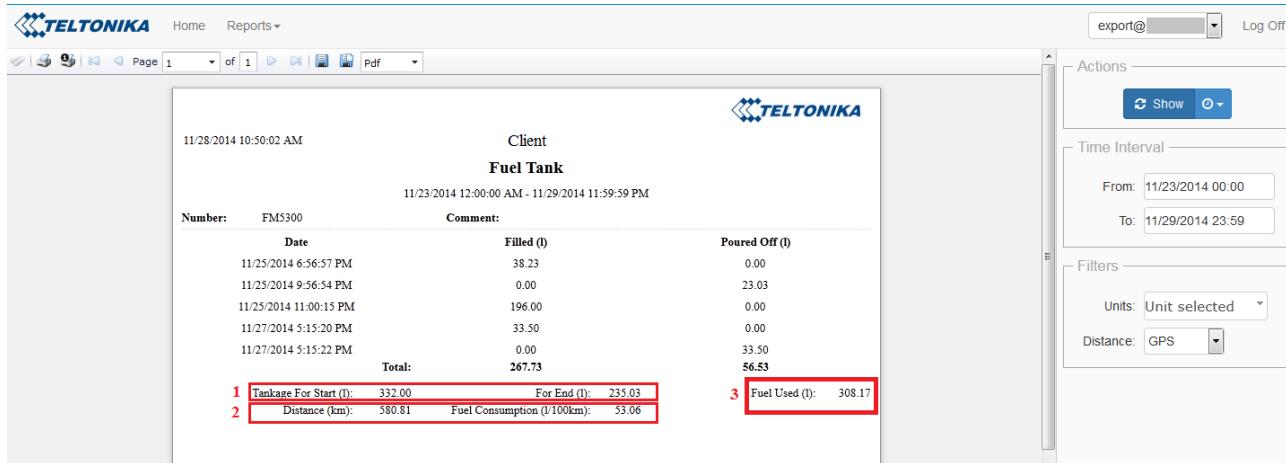


Figure 42. Fuel Tank report window

1. Tankage For Start (l) value shows the amount of fuel (l) in the tank at the begining of the chosen period of time. For End (l) is a value that has left in the fuel tank at the end of reported time.
2. Distance and Fuel consumption values are the same as in the Distance with Fuel report.
3. Fuel Used (l) is a value that was calculated from the Distance and Fuel Consumption numbers.

4.13.5 Geofencing report

This report (Figure 43) is used to show what geozones a selected unit has crossed (during a reported period of time) and when exactly this has happened.

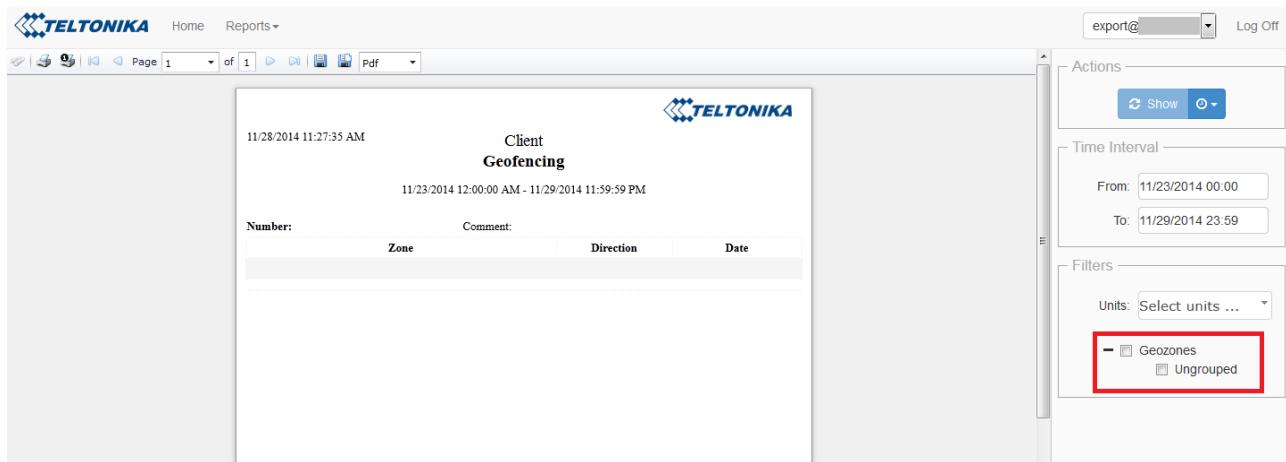


Figure 43. Geofencing report window

Here, in the marked field Geozones can be ticked if you want to use all the created zones (including Ungrouped zones) as a report source. Otherwise you can select only a certain zone if there are more of them to choose from.

4.13.6 Route report

This report (Figure 44) shows a complex information of object's journey during a certain period of time.

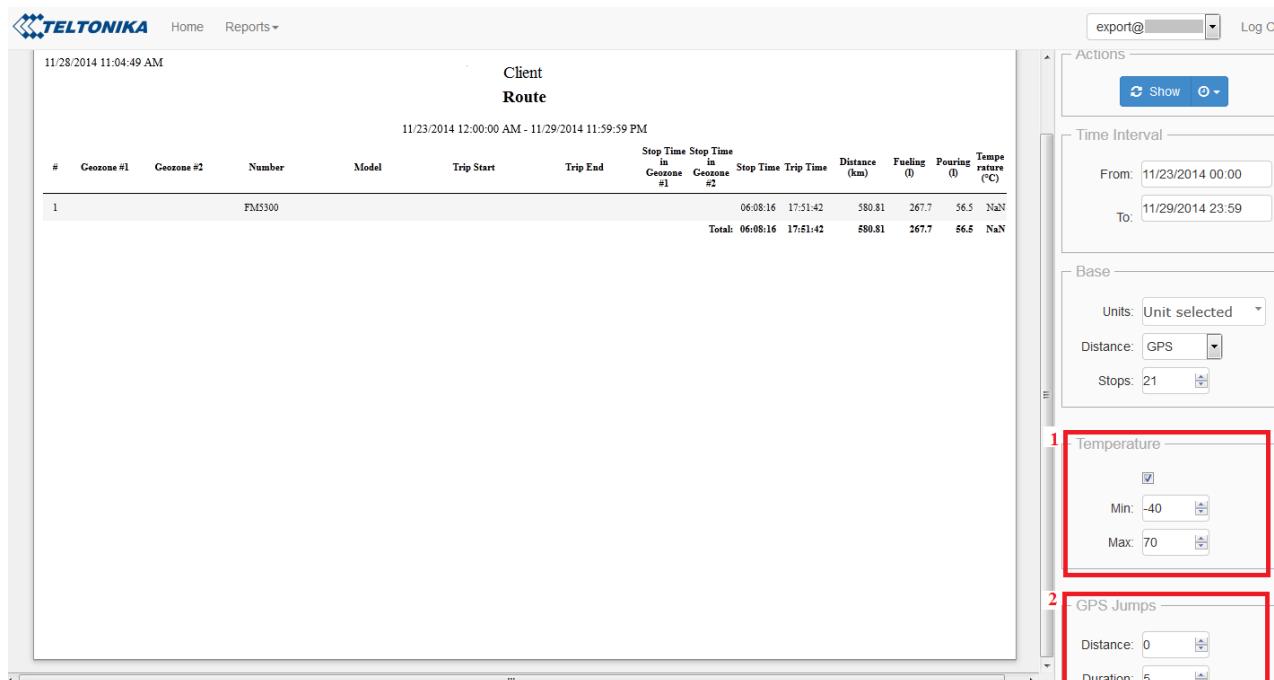


Figure 44. Route report window

Here in the Base bar you can set a number that will be the minimum stop duration inside second zone (minutes). Two bars bellow are used for:

1. If a temperature is measured in the unit, you can include this parameter in the report by checking the Temperature bar and choosing it's ranges.
2. GPS Jumps bar is used for setting a Distance (maximum GPS jump distance in kilometers) and Duration (a maximum GPS jump duration in minutes). It is done to measure possible deviation from unit's correct location when GPS signal is bad.

In this report you can get the information about an object:

- What configured geozones were crossed;
- When each trip was started/ended;
- How long it has stopped in a certain geozone;
- What was the total time of being on Stop for a set period of time;
- How long did the each trip take;
- How far did the object go in a set period of time;

- Fuel tank filling and pouring amounts in liters;
- A temperature value if it is measured in an object.

4.13.7 Temperature report

This report is used for getting information about a temperature measurements in the selected unit.

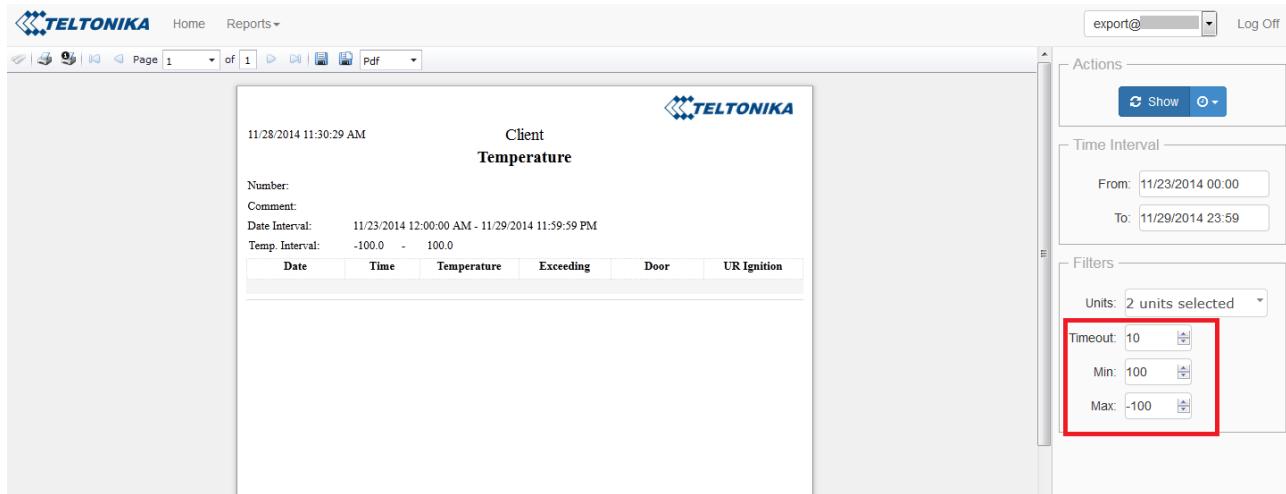
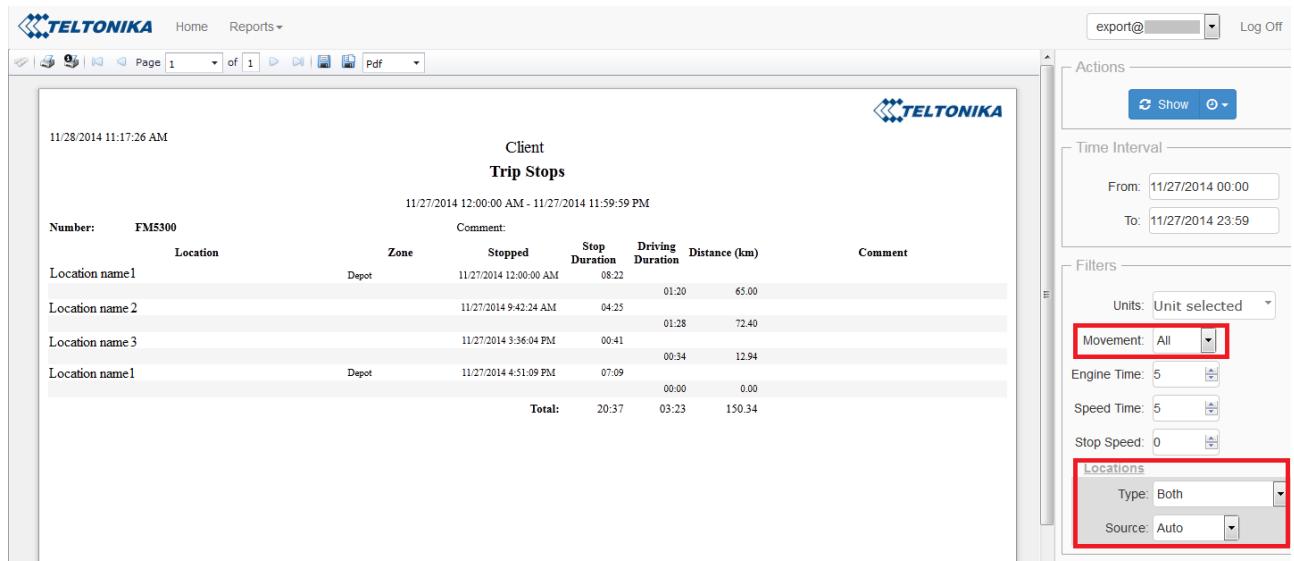


Figure 45. Temperature report window

Here in the Filters bar, temperature timeout duration (in minutes) and a certain interval have to be set. So in the report you would be able to see when exactly a measured temperature has risen/fallen.

4.13.8 Trip Stops report

This report (Figure 46) shows when exactly and for how long a selected unit stopped/drove, and how far did it go in a certain location.



11/28/2014 11:17:26 AM

Client

Trip Stops

Number: FMS300

Location	Zone	Comment:				Comment
		Stopped	Stop Duration	Driving Duration	Distance (km)	
Location name1	Depot	11/27/2014 12:00:00 AM	08:22	01:20	65.00	
Location name2		11/27/2014 9:42:24 AM	04:25	01:28	72.40	
Location name3		11/27/2014 3:36:04 PM	00:41	00:34	12.94	
Location name1	Depot	11/27/2014 4:51:09 PM	07:09	00:00	0.00	
		Total:	20:37	03:23	150.34	

11/27/2014 12:00:00 AM - 11/27/2014 11:59:59 PM

Actions: Show

Time Interval: From: 11/27/2014 00:00 To: 11/27/2014 23:59

Filters: Units: Unit selected

Movement: All

Engine Time: 5

Speed Time: 5

Stop Speed: 0

Locations: Type: Both

Source: Auto

Figure 46. Trip Stops report window

Here you have to select movement detection source (Speed/Ignition/Any/All). Also locations can be configured based on a chosen location information source type (Both/Reverse Geocoding/Geofencing) and reverse geocoding source type.

4.14 Change log

Nr	Date	Version	Comments
1	2014.01.31	1.0	Document created
2	2014.10.20	1.1	Added: chapter 4.6(routing) Chapter 4.7 (bigger map) Chapter 4.8 (GoToReports) Chapter 4.9 (filtering by number) Chapter 4.10 (settings) Chapter 4.11 (warning reports) Chapter 4.12 (GPRS command sending) Chapter 4.13(reports)
3	2014-12-04	1.2	Chapter addition 4.13 (reports) Subchapters added 14.13.1 – 14.13.8
4	2016-06-20	1.3	New screen shots, description fix, captions and references added.