Functionality of Pamir Map application

for iOS devices (iPhone, iPad, iPod touch)

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Overview of buttons located on map window

Create object – creates objects on the map (points, polylines, polygons).

Record track – records and saves GPS tracks.

Measure – measures distances and areas on the map.

Compass – returns map northwards.

My location – defines current location of the user.

Notes on map – creates graphic notes on the map.

Search on map, go to coordinates – performs text and numeric search, goes to coordinates in DD and DMS formats.

Additional tools for work with map – saving map extent as bookmark or PDF document.

Main menu – provides options to make settings of the app without leaving the current project, to add layers and maps to project, to manage layers visibility and to perform operations with layers (zoom in/out, delete, view legend, view layer properties, etc.).

Change map scale – zooms in/out the map.

Creating new feature

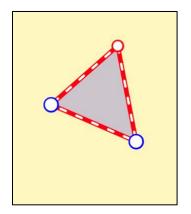
To create new *feature* on the map, tap the *Create feature* button.



In the appeared menu select the feature type: point, polyline, or polygon.



Specify the feature geometry. To do so, consequentially tap the required places on your map.



To delete the needless point on the map, tap it. To add the new point, pull the edge in the needed place and the point will be added there. To change location of the created point, tap and hold it, then drag it to the new place on the map.

Now select the layer where you want to create the new feature. To do so, in the feature card tap the arrow near the *Save to* option.



In the appeared window you can either select the layer from the currently opened project, or select the previously created layer in the application, or create the new layer.

To select the layer from the existing data, press *Select from data* and select the required layer from the list of GPKG layers stored in the application.

Select from data

To create the new layer, press *Create new*.

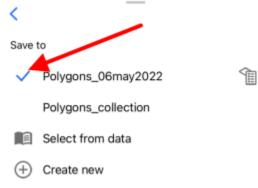
Create new

The layer will be automatically created with the default name, but you can rename it, to do so, enter the new name using the keyboard.

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To confirm the layer name, tap the tick mark near the layer or tap Enter on the keyboard.

If there are previously added layers in the project, then to create the feature you need to select the required layer from the list. The selected layer will be marked with the check sign.

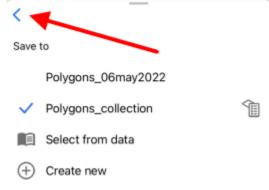


To select another layer, press its name in the list and it will be marked with the blue check sign.

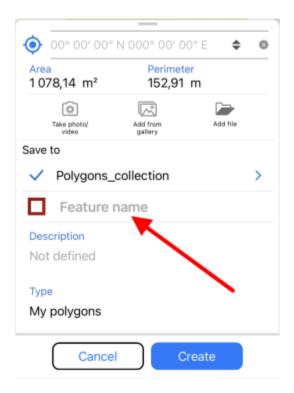
<		
Save	to	
	Polygons_06may2022	
~	Polygons_collection	
	Select from data	
\oplus	Create new	

To go to changing parameters of the layer settings, press 11 . See *Changing settings for layer parameters* section for more details about changing layer settings.

To go to saving the created feature and filling in the fields, press the back arrow.



To fill in the *Feature name* and *Description* fields, tap the required line and enter the text.



To complete creation of the feature, press *Create*. The feature will be saved. If you need to cancel this operation during the feature creation process, press *Cancel*.

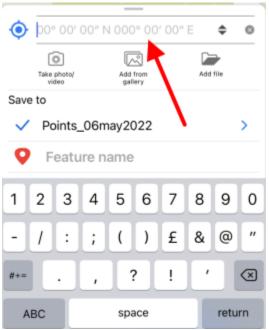
Creating features by coordinates

To create the feature by coordinates, during the creation process go to the line for entering coordinates in the feature identification card (see *Creating new feature* section for details).

To create the feature by your current location, press *Coordinates by location* \bigcirc button in the identification card of the created feature.

Coordinates of the point feature will be changed to coordinates of the current location. The new point with coordinates of your current location will be added to the created polygon or polyline feature.

To add the feature by manually entered coordinates, go to the line for entering coordinates.



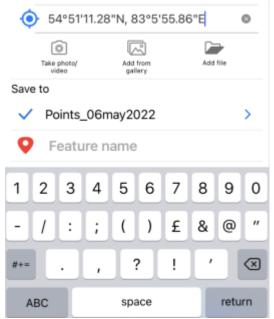
You can change coordinates format, if needed. To do so, select the feature and in the appeared identification window tap the line with coordinates to change the format.



The available coordinate formats are as following:

- Degrees-minutes-seconds;
- Decimal degrees;
- UTM meters (if you selected Projected coordinate system in Settings, *see "Settings" section for details*).

Enter the required coordinates and press Return on the keyboard.



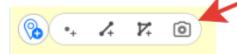
The point with the specified coordinates will be added on the map.

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54°51'11.28"N, 83°5'55.86"E	¢ 0
Take photo/ video gallery Add from Add fr	le
Save to	
 Points_06may2022 	>
Feature name	
Описание	
Not defined	
Тип	
My points	
Cancel Create	

To save the point, press Create.

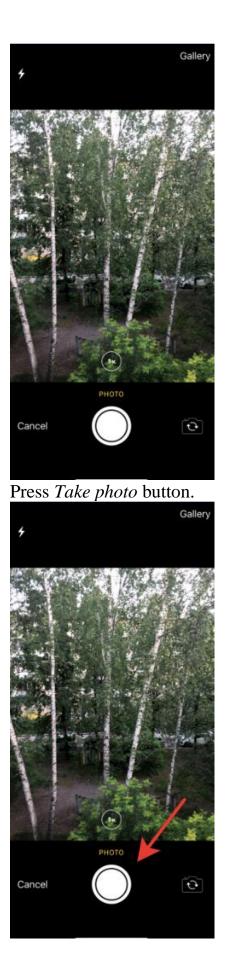
Creating point feature by photo

To create the new point feature by photo, press *Create feature* button in the map window and in the appeared menu select *Create point by photo* button.



To be able to use this option, in your smartphone settings you need to allow Pamir Map app to have access to the device camera and memory. Besides, for all photos made with your device, the option of using geolocation should be enabled.

After pressing the Create point by photo button the camera window will open.



To use this photo, press Use photo.

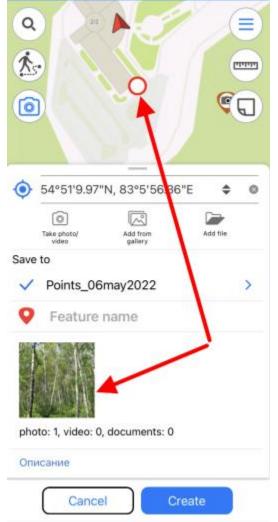


To take another photo, press *Retake*. In the appeared camera window take the new photo and press *Use photo* again.

To use the existing photo, press Gallery.



Select the required photo from your Gallery. Now coordinates of selected photo will be used to create the point on your map and this photo will be added as attachment to the point.



Changing the layer and its settings is done same as when creating features, see *Changing settings for layer parameters* section for details.

To complete creation of point by photo, press Create button.

To cancel creation of point by photo, press *Cancel* button.

Editing features

To start editing feature, select it on map or find it searching by attribute or coordinates (*see "Searching on map" section for details*) and tap *Edit* icon in the feature identification card.

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Тип			

Being in the feature editing mode, you can change the feature geometry. To delete the point, tap it on the map. To add the new point, tap the empty place on the map. To move the point, select it on the map and drag it to required place on the map.

To save your changes, tap *Save*. To cancel made changes, tap *Cancel*.

To change the feature name, enable the editing mode and select *Feature name* in the feature card.

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photo: 1, v	ideo: 1,	documents: 0		
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Enter the feature name and tap Done.

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182					Do	one
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If feature name has not been specified, the feature card will have the default name *Untitled*, but the default name will be changed right after you specify the name of this feature.

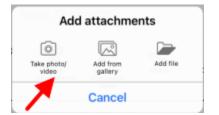


Adding attachments to feature

You can add attachments to any feature on the map. To do so, in the feature card tap *Add attachments*.

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Edit	Add attachments	Use as a destination point	Share	Delete
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phot	0: 1, video: 1, d	VIDEO	0	

To add photo or video, tap Take photo/video.

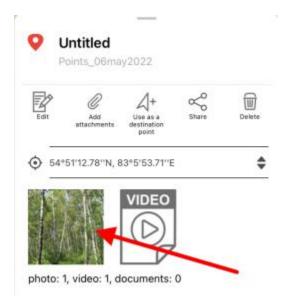


To be able to use this option, in your smartphone settings you need to allow Pamir Map app to have access to the device camera and memory.

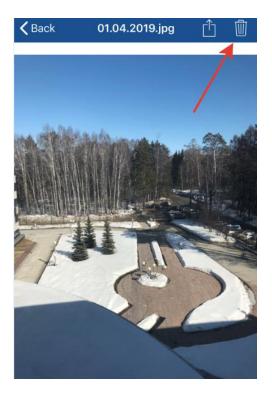
Take a photo or video and tap *Use photo*, to add it as attachment to the feature.



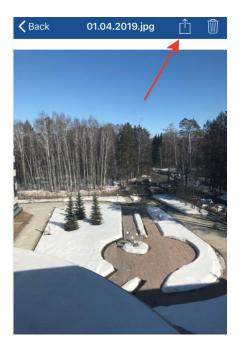
Added photos can be viewed in the feature's card. To open the photo, tap the appropriate thumbnail.



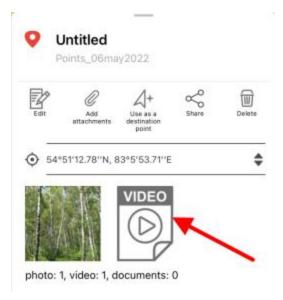
To delete the added photo, tap *Delete*.



To share/send the added photo, tap Share.



Added videos can be viewed in the *Files* section of the feature's card. To view or delete the video, select it in the card and select the required option.

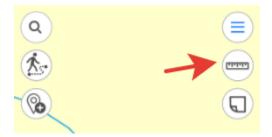


To add the media file from the gallery that is already on the device, tap *Add from gallery*, to add the document, tap *Add file*.



Measuring distance and area

To measure distance or area, tap the *Measurements* button.



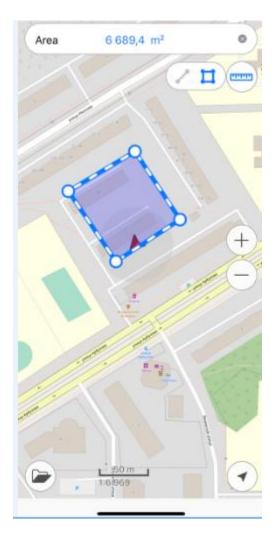
The button will change its color and the tool window will appear. If you want to measure distance, tap *Measure distance* icon.



If you want to measure area, tap *Measure area* icon, accordingly.



To start measurement, sequentially tap the map adding points.



To delete the needless point, tap it again. The calculated distance or area will be shown in the upper part of the measurement window.



Measuring distances and areas is also possible using My location option. To start measurement

from the point of your current location, tap and then . Now the point of your current location will be used as the starting or one of the intermediate points of measurement.

To change measurement units, go to *Settings* of the map menu (note that changing units is possible if you are not in the measurement mode). In the *Measure units* section select the required units:

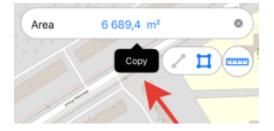
- *Metric*: meters kilometers;
- *British*: feet miles acres.

MEASURE UNITS	
Meters - Kilometers	~
Feet - Miles - Acres British	

To close the measurement window, tap the cross icon in the upper right corner of the window or tap *Measurements* button again.



To copy the measurement result, long tap the output value and tap *Copy* in the appeared dialog.



Recording track. Creating polygon by track.

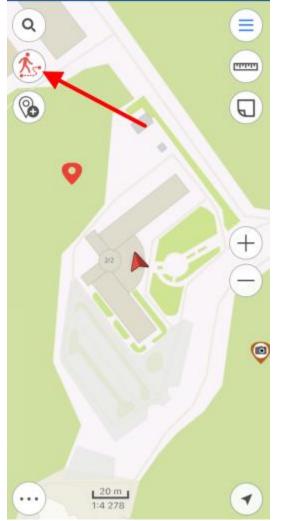
To start recording track or to start creating polygon by track, press *(b)*. To record track, press *Record track* button.



To create polygon by track, press *Create polygon by track* button.



When recording track or creating polygon by track starts, the tool button becomes red.



To complete recording track or creating polygon by track, press the tool button \bigotimes again.

In the appeared window select the layer where to you want to save your track or polygon. Enter the track name in the *Feature name* field, if needed.

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Total length 106,35 m	Section le 11,49 m	ngth	
Take photo/ video	Add from gallery	Add file	
Save to			
 CarryMap 	_tracks		>
- Feature	name		
Description			
Not defined			
Туре			
My tracks			
Cance	l Cre	eate	

Note that every 5 seconds your track will be saved automatically. That is, even if your device switches off by some reason, the track will be automatically saved to the selected layer and so will not be lost.

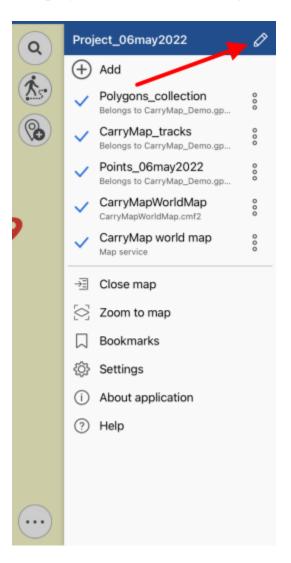
Note that recording track does not hinder any other operations provided with the app (for example, feature creation or editing, adding new layers to project, etc.).

Recording track can be stopped by tapping *Record track* or *Create polygon by track* button again.

Creating project, editing project name

To create project, open CMF2 map and data in GeoPackage, KML, KMX, SHP or GPX format (see *Importing data* for more detail), the project will be created automatically.

The project name can be changed in the map menu, to do so, tap the editing icon.

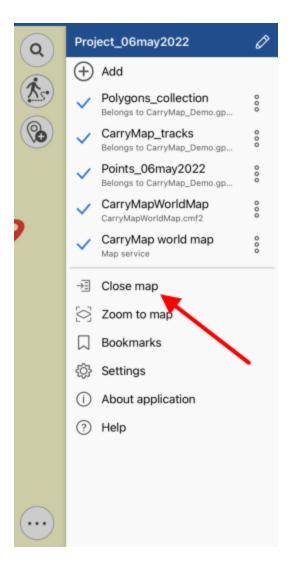


Enter the new name and tap OK to save edits or Cancel to cancel.

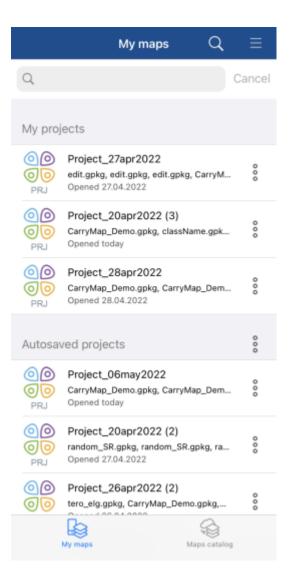
Enter new p	roject name	
Project_29mar2019	Ø	
Cancel	ОК	

Opening project

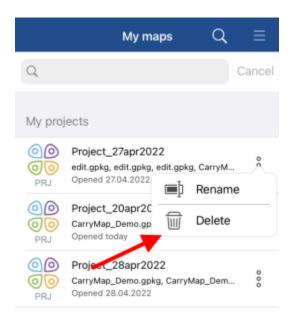
To open the project stored on your device, tap *Close map* button in the Main menu.



In the My maps tab all the previously saved and autosaved projects are stored.



To open project, select it from the list. To delete project, select three dots menu and select *Delete*.

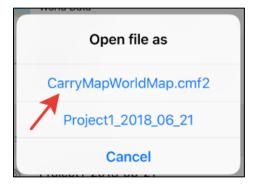


To change name for project, tap *Rename* in the menu, enter the new name, and tap *OK*. If you rename autosaved project, it will be moved to the *My projects* section.

To open another map, tap *Close map* button in the Main menu and select the required map from the list. If the selected map is used in other projects, the appropriate message will appear.

Open file as	
CarryMapWorldMap.cmf2	
Project1_2018_06_21	
Cancel	

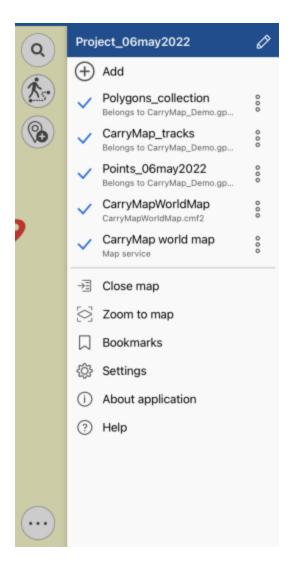
To open map as a project, select the project from the list. If you need to open the map only, select it from the list.



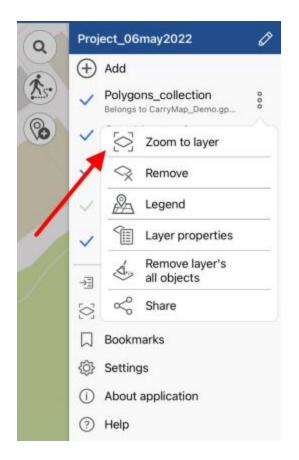
To create new project for this map, add gpkg layers to map (see "Creating new object" and "Working with layers in project" sections for more details).

Working with layers in project

All layers added to project can be viewed in the map menu. You can change the layers order in the project. To do so, long tap the layer and drag it to the required position in the list of layers.



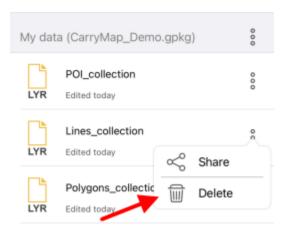
If the layer is the first one in the list, it will be displayed on top of all layers on your map, accordingly. To zoom to layer in the project, tap the three dots menu and select *Zoom to layer*.



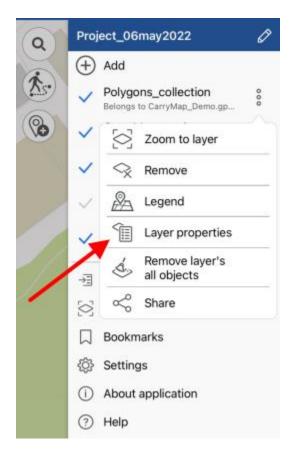
To delete layer from the current project, tap three dots menu and select *Remove*.

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(As)	Polygons_collection Belongs to CarryMap_Demo.gp	000
60	Zoom to layer	
	Remove	
	Legend	
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	→∃ ≪ Remove layer's all objects	
	🔄 < Share	
	Bookmarks	
	Settings	
	(i) About application	
	? Help	

To delete layer from the device, go to library tapping \bigoplus add in the layer menu and select *Delete* tapping the three dots menu of the layer you want to delete.



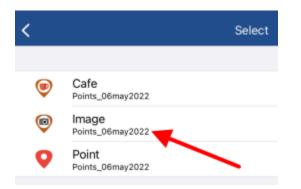
The layer will be deleted from the device. To view all features containing in the layer, press *Layer properties*.



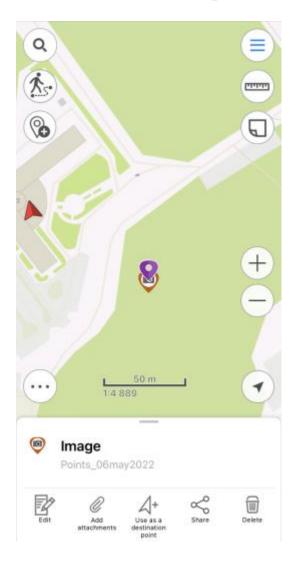
In the appeared window select Features list.

< Back	My_points1	
Main		
Objects list		>

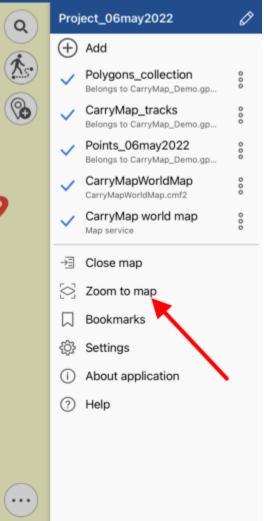
Another option to view all features in layer is to tap the layer in the map menu. All features containing in the layer will be shown in the list.



To view feature on the map, select it in the list and it will be highlighted on your map.

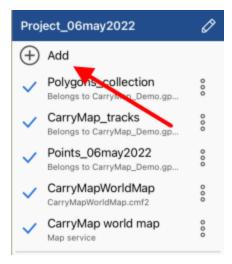


To zoom to all layer in the project, tap Zoom to map button in the Main menu.



Adding layers to project

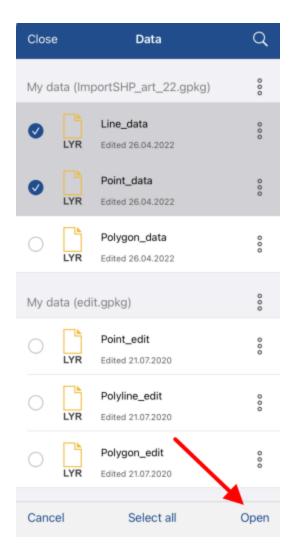
To add layer to current project, tap Add button in the map menu.



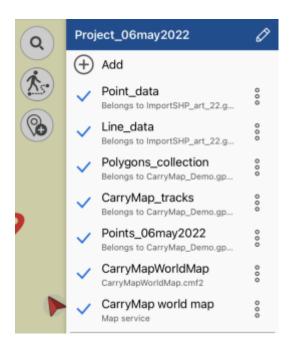
Select the required layer from library and it will be added to your current project. If you need to select multiple layers, tap *Select all* [].

Close	Data	Q
٩		Cancel

Now tap *Open*.



Selected layers will be added to the project.

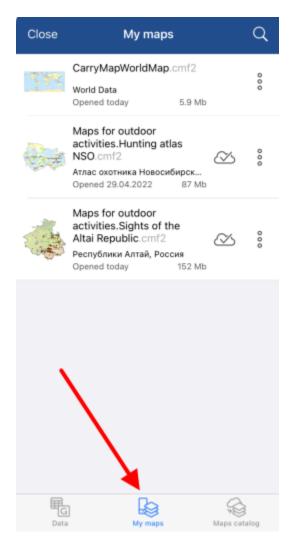


To turn off layer visibility, tap \checkmark near the required layer name and the icon will change its color to grey \checkmark . Note that the layer will not be deleted from the project, it just will not be shown on the map. To turn the hidden layer on, tap the icon near its name again.

Adding map to project

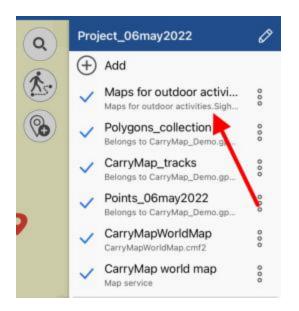
If you want to add map to project, tap (+) Add maps stored on your device.

and go to My maps tab showing all CMF2



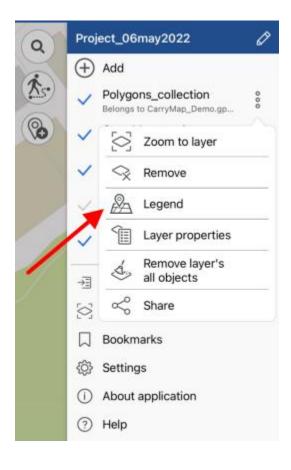
Select the map you want to add from the list.

Map will be added to the current project.

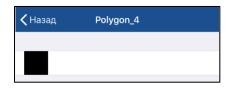


Changing settings for layer parameters (selecting symbology, setting labeling, adding fields)

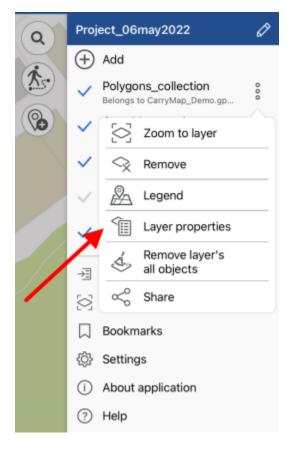
To view symbology used for layer, tap three dots, and select *Legend* in the menu.



In the appeared window you can view all symbology used to display this layer. To turn the layer off, tap the *layer visibility button* \checkmark .



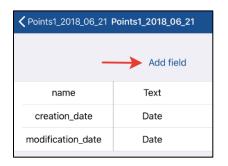
To add fields to the layer attributes, select Layer properties in the menu.



Now tap the *Fields* section.

Kernel Back Points1_20	018_06_21	
Main		
Objects list		
Fields	>	
Symbology		
•		
Fill color		
Customize symbology		
Labeling		
Use labeling	\bigcirc	

In the appeared window tap Add field button.



In the appeared window enter the name of the new field, then tap OK.

Enter field name Field name	
I	
Cancel	ОК

Now select the required field type from the list.

Enter field type	
Integer number	
Double number	
Text	
Date	
Boolean (yes/no)	
Cancel	

To delete created field, tap $Delete^{\square}$. To save made changes, tap *Save* in the upper part of the window. To change the object fill color, select *Fill color* in the *Layer properties* menu.

Symbology	
•	
Fill color	•
Customize symbology	>

In the appeared list select the required color and all features will be changed accordingly.



To change properties of the layer symbology, select *Customize symbology*.

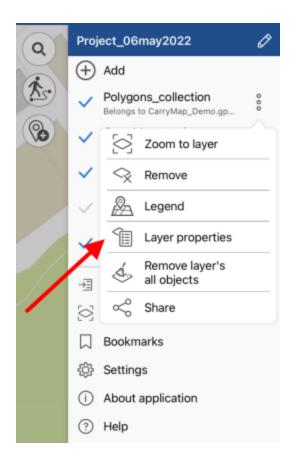
Symbology	
•	
Fill color	
Customize symbology	>

With the *Customize symbology* option you can change the symbol shape, size, show/hide its border and select border color, set transparency. To change symbol shape, tap *Shape* and select the required shape from the appeared list.

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To select image as symbol, tap \square and select the required image from the Gallery.

To show labels for features, select Layer properties, tapping three dots menu.



Pull the switch in the Use labeling section to display labels.

Labeling	
Use labeling	\rightarrow

In Label field line select the field which attributes will be used to label all features.

Label field	name

To add the new field, see "Setting layer symbology. Adding new fields." section above.

In the *Font size* line specify the font size pulling the shift to the required value.

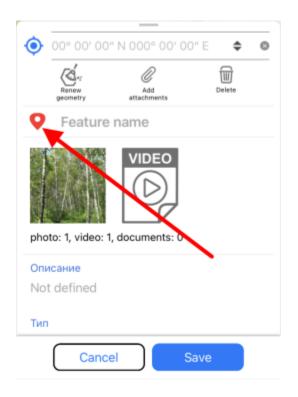


Select the labels color in the Font color line.

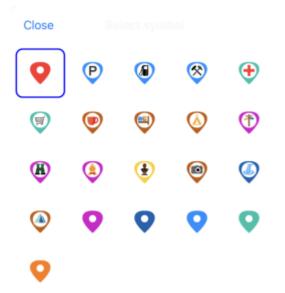
Font color	

Selecting symbol when creating feature in the existent layer

When creating the feature in the existent or the newly created layer you can specify different symbols for features of one layer. To do so, create the new feature and select the required symbol in the feature card.



In the appeared list select the required symbol.



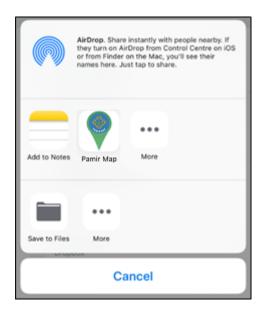
Tap *Save* . Changing symbology for the feature is also possible when editing mode is on.

Importing data

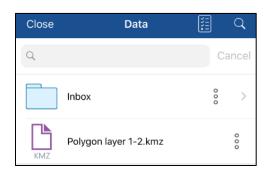
To add data to current project, tap in the map menu. All data that can be added to project are shown in the Library section consisting of *Data, My maps* and *Maps catalog* tabs.



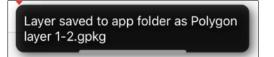
The *Data* tab contains data in GeoPackage, KML/KMZ, SHP and GPX formats. To add the existing KML/KMZ, SHP, GPX file to the project, select it and select Pamir Map from the list of apps to open this file.



The file will be added to *Data* section.

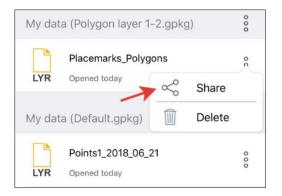


To add to the project KML/KMZ, SHP or GPX file, select it in the library and it will be automatically converted to GeoPackage format, and you will see the appropriate dialog in the result.



Exporting data

You can share files in GeoPackage, SHP, KML/KMZ, GPX formats or share KML/KMZ, SHP, GPX files stored on your device. To do so, open the layer menu in the *Data* section pressing three dots, and select *Share*.



When sharing gpkg layer you can select the format: SHP, KMZ, GPKG, GPX.

 Morld mane 	
Select share format Which format would you like to share this layer in?	
КМZ	
SHP	
GPX	
GeoPackage	
Cancel	

After selecting the format, select the method you want to use to share your file.

Besides, you can share the single feature, to do so, tap it on the map and in the appeared card press *Share*.



Select the data format in the appeared window.



After that, select how you would like to share the feature.

Searching features. Going to feature by coordinates.

To search for GPKG feature or CMF2 by attributes, open the search field pressing the search



Enter the search text to the appeared field (for example, the point name, description, etc.) and press *Return* on the keyboard. The search results will be shown in the list.

← Cafe	٥
THEMATIC MAPS	
Cafe "U fontana" Cafes & kiosks	>
Cafe "Leopard" Cafes & kiosks	>
Cafe "Gril Bar" Cafes & kiosks	>
Cafe "Sherkhan" Cafes & kiosks	>
Cafe "Kacheli" Cafes & kiosks	>
Cafe "Chayushki" Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe "Blini ot Babi-Yagi" Cafes & kiosks	>
Cafe "Beryozka"	>

To go to the found feature on the map, press its name in the search results list.

1	
← Cafe	0
THEMATIC MAPS	
Cafe "U fontana" Cafes & kiosks	>
Cafe "Leopard" Cafes & kiosks	>
Cafe "Gril Bar" Cafes & kiosks	>
Cafe "Sherkhan" Cafes & kiosks	>
Cafe "Kacheli" Cafes & kiosks	>
Cafe "Chayushki" Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe Cafes & kiosks	>
Cafe "Blini ot Babi-Yagi" Cafes & klosks	>
Cafe "Beryozka"	>

The feature will be marked on the map.



To perform an "exact search", before entering the search numeric or text value, put "!" and then enter the required number or text to search for.

To clear search request, press Clear search.



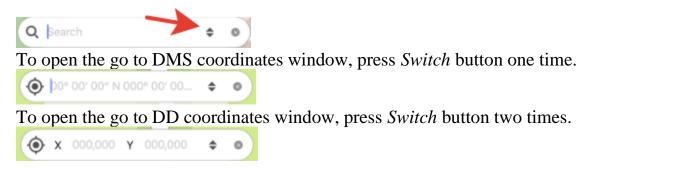


To view all found features, press the arrow features will be marked on the map.



If no features were found during search, you would see the Features not found message.

To go to feature by coordinates, open the search field pressing the search button \bigcirc . The text search field will appear. To switch to the go to coordinates mode, press *Switch* button.



When entering DMS coordinates, to put ° (degree), ' (minute), or " (second) sign, press space after the number and the sign will automatically appear in the go to coordinates line. After entering the longitude and latitude values you need to enter their name: north, south and west, east.

Then press *Return* on the keyboard. The found point will be marked with \checkmark icon on your map. The coordinates that you searched for will be shown in the card.



To go to DD coordinates, first enter X, then Y coordinate, and press Return.

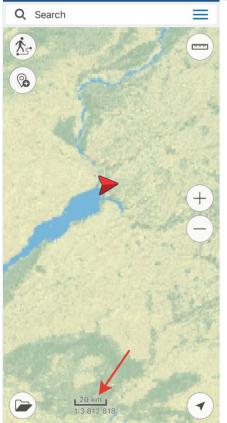


for will be shown in the card.

The found point will be marked with **?** icon on your map. The coordinates that you searched

Selecting map scale

To set map scale open the map window and click on the scale bar.



In the window that opens, enter the scale and click OK, the map will be drawn at the specified scale.

Enter scale value		
1: 2 568 568		
Cancel	ОК	

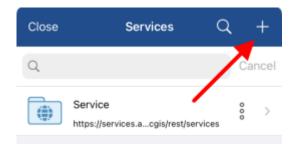
Adding online services

To add the online map service ArcGIS or WMS to your project, tap *Add* button, go to *Maps catalog* and select *Online maps*. You can select the online service from the provided list or add the new one.

To add the new online service ArcGIS or WMS, tap Add button.



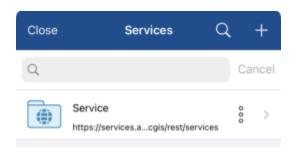
If you already have connected services, they will be shown in the list in the *Services* tab. If you need to add another service, tap *Add*.



Select the required service type, enter its name and link to this service.

Close	Done
Choose map service type	
ArcGIS Service	~
Web map service	
Service name Service	
Type URL of the service or online	catalog
http://services.arcgisonline.com/	

Fill in all the required fields and tap *Done*. The added service will be shown in the *Services* tab.



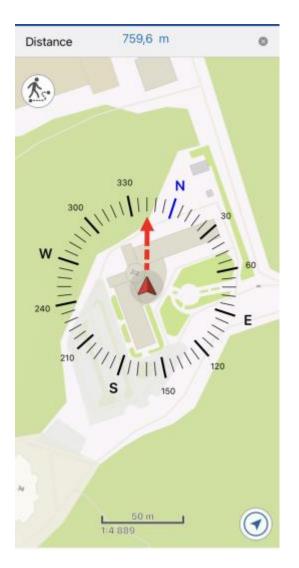
Select the required map from the service and it will be added to your project.

Specifying destination

The *Use as a destination point* option allows selecting the feature or place on the map as a destination you want to reach. To specify the place as your destination, tap the required place on the map, open three dots menu and select *Use as a destination point*.



When the *Use as a destination* option is enabled, the arrow showing direction to specified target and distance to this target appear on the screen.



The target feature will be marked with the flag symbol \mathbb{R} .

To disable use of the Use as a destination option, tap the cross icon in the upper part of the



Stop using as a destination point?	
No	Yes

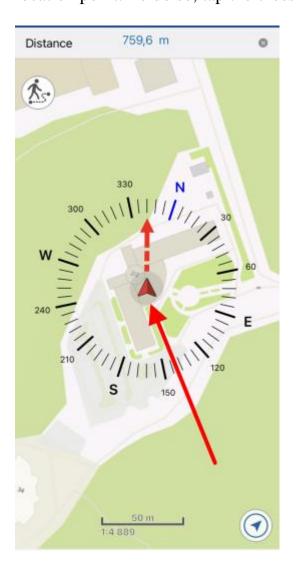
The Use as a destination option will be disabled.

When the *Use as a destination* option is enabled, the distance to specified target feature appears in the upper part of the screen.



Your current location will be marked with the cross button \wedge and direction to the target will be marked with the red arrow.

During use of the *Use as a destination* option you can create a point feature in your current location point. To do so, tap the cross button \blacktriangle .



In the appeared window select the layer where to the point feature will be added.

Create

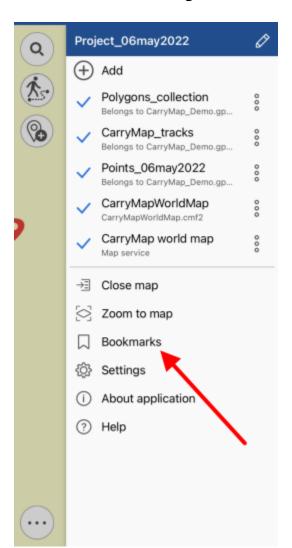
To confirm your selection, press

Creating bookmarks

Bookmarks are provided for storing the needed map extents and data. To create the bookmark, set the required map area boundary, go to *Additional tools for work with map* and tap *Create bookmark*.



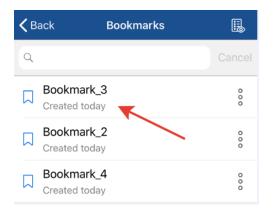
Enter the bookmark name or leave the default name. To save the bookmark, tap *OK*. To view the created bookmark, go to *Bookmarks* section in the project menu.



To delete the bookmark, tap three dots and select *Delete*. To rename already created bookmark, tap *Rename*, enter the new name and tap *OK*.

Enter new bo	ookmark name
Bookmark_4	
Cancel	ОК

To go to the bookmark on map, select it from the list and it will be shown on the screen.



If previously created bookmark does not fall into the current map extent, it will be grayed out in the list and you will not be able to view it.

< B	ack	Bookmarks	B
٩			
	Bookmark_3 Created today		0 0 0
	Bookmark_2 Created today		000
	Bookmark_4 Created today		000

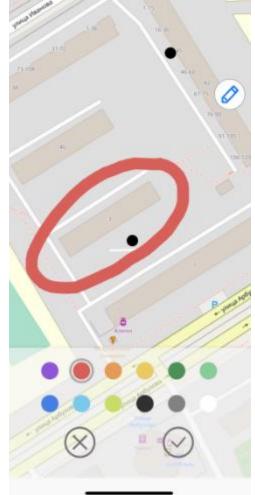
To view all active bookmarks of the current map, tap



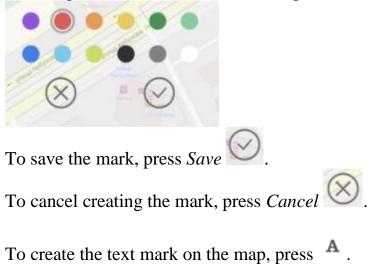
Creating marks

To create the graphic mark on your map as a text, custom shape or arrow, press *Create mark* button and select the note type.

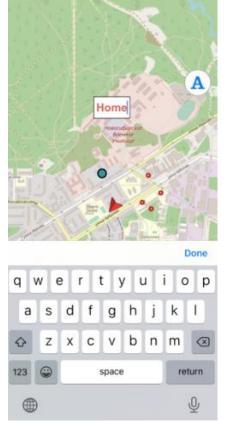
To create the mark as the custom shape, press \checkmark button. Draw the required shape on the map.



To change the note color, select the required color from the provided list.



In the appeared field enter the note text and press *Done* on the keyboard.



To change location of the text mark, long tap the note and drag it to the new place on the map.

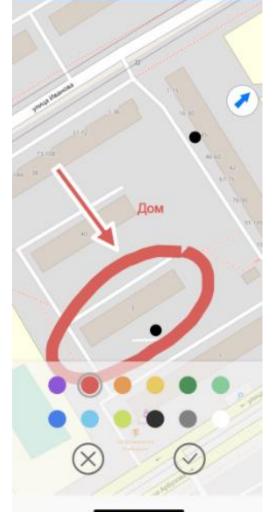


To change the text mark color, select the required color from the provided list.



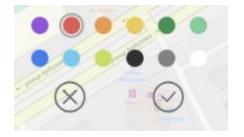
To cancel creating the text mark, press Cancel

To create the mark as the arrow, press \checkmark . Now draw the arrow on the map, specifying the start and end point of the arrow.

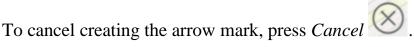


To change location of the arrow, specify the start and the end point of the arrow again, and the previously created arrow will be deleted.

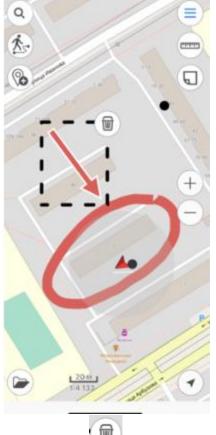
To change color of the arrow mark, select the required color from the provided list.



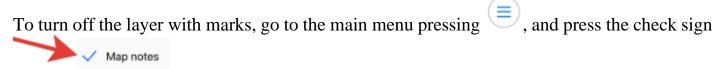
To save the arrow mark, press Save



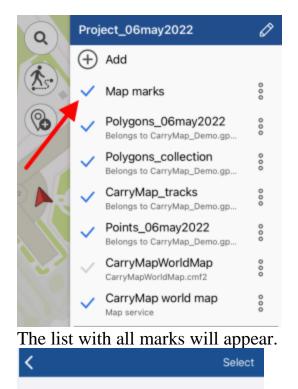
To delete the arrow mark, long tap it on the map.



Then press and your arrow will be deleted.



To view all created marks, select Map notes layer.



Α	2020-06-19 12:08:49
Α	2020-06-17 14:23:02
C	2020-06-17 14:22:13
7	2020-06-09 16:11:46
1	2020-06-09 16:09:30
Α	2020-06-09 15:49:03
1	2020-06-08 16:14:45
1	2020-06-08 16:14:02

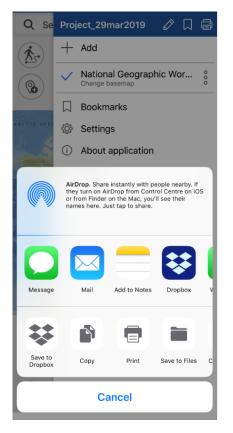
To go to any mark on the map, select it from the list and it will be opened on the map.

Saving map extent

To save the map extent for printing or to save it to PDF document, set the required map area boundary, go to *Additional tools for work with map* and tap *Save to PDF*.



In the appeared dialog select the required option. To print the created PDF file, tap Print.

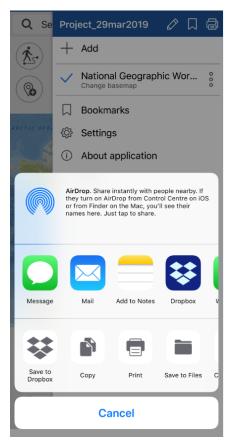


In the appeared window select the printing device or specify the required printing settings to print your map.



The map will be printed after you select the printing device.

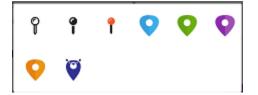
To send PDF file, select any of the available sharing options.



Application settings

The *Settings* tab provides the following options to specify the app settings:

- Change measurement units;
- Hide or show buttons to change map scale (-) (+);
- Turn on/off device screen lock during app work;
- Specify maximum cache size for the app. To set the size, tap *Set max size of cache* and select the required size value.
- Clear cache and select cache size for the app data. To clear cache, tap *Clear cache*.
- Select symbol for pushpins of my location and destination. To do so, open the appropriate section (Pushpin, My Location) and select the required symbol from the appeared list.

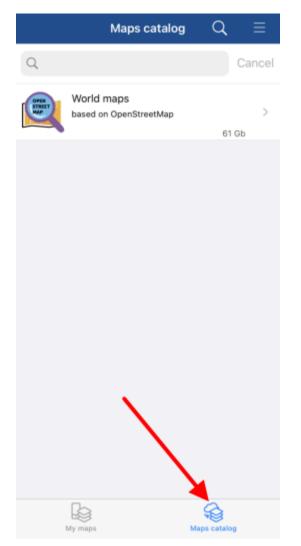


- In the *Coordinate system* section, you can select UTM zone, if WGS-84 coordinate system is used in the current project.
- Enable/disable display of buffer showing accuracy of the current location definition.

Working with Maps catalog

The Maps catalog tab contains maps in CMF2 format. To go to Maps catalog, tap

 \bigoplus and in the map menu or tap *Close map* button in the Main menu and select *Maps catalog* tab in the appeared window.



To download a map from *Maps catalog*, select it from the list and tap *Download* \bigcirc . The download process will start. To cancel the process, tap *Cancel* \times .

$\mathbf{\zeta}$ Gallery Maps for outdoor activities \mathbb{Q}		
Q		Cancel
	Hunting atlas NSO.cmf2 Novosibirsk oblast, Russia 80	Mb
Star Mar	Minnesota's North Shore of Lake Superior.cmf2 State of Minnesota 45	<u>ل</u> ک Mb
の代	New Mexico Hunting- Recreation Map 2018-2019 (Ownership, Boundaries, Etc).cmf2 State of New Mexico 141	Mb
	New Mexico Hunting- Recreation Map Topos (Optional).cmf2 State of New Mexico 610	<u>ر</u> ک Mb
	Sights of the Altai Republic.cmf2 Altai Republic, Russia	<u>∽</u> °°
	Teletskoe Lake.cmf2 Altai Republic, Russia	(

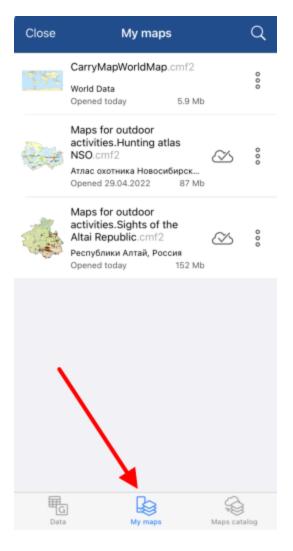
After downloading the map to your device, the download icon will change to \bigcirc and you will see a message stating that the map has been downloaded to your device. If the map has available updates, you will see the icon \bigcirc near this map name. Tap this icon to download the updated version of the map.

To delete map from device, tap the three dots menu and select *Delete*. You can download it again from *Maps catalog*, if needed.

To share map, tap the three dots menu and select *Share*. Note that you can share maps downloaded to your device only.

✓ OpenStreetMap South America			Q	
		1.9 1	dh	
0	Paraguay.cmf2 South America			°
Opened today	Š	Share		
Peru.cmf2 South America		Delete		
		128 N	Лb	
South Georgia and the South Sandwich Islands.cmf2				
		3 N	Лb	

All downloaded maps can be viewed in My maps tab.



Finding current location

To define your current location on the map, tap My location



When the *My location* option is enabled, the button changes \checkmark . To disable the option, tap any place on the map. If you tap the location button again, the map will go to the tracking mode and the button will look as \checkmark . Being in the tracking mode, the map will rotate according to your current location. To disable tracking mode, tap any place on the map.

Working with protected maps

The maps protected with password are marked with the lock $\frac{1}{2}$ icon. To open the password protected map, tap its name, enter password in the appeared window and tap *OK*.

The map default1 is protected by password Input password	
•••••	
Cancel	ОК

The map will be opened in the project. Now access to this map is allowed, to lock it again, go to *Maps* tab, press \overrightarrow{O} in the appeared window, and then *Proceed*.

Do you really want to lock the map access?	
Cancel	Proceed

Access to your map is locked and you will need to enter password again to continue working.

If the validity time of the map has expired, the map icon looks as and the appropriate message appears.

The map has expired