

MyLocator3 and VMMap Cloud – Datalog Export Options

MyLocator3 v1.15 datalog export has been modified to include the following:

1. Upload logs to the Cloud
2. Advanced options for height and selection of the RTK source datum.

These new features are currently only applicable to the vLoc3-RTK locator.

In addition, the term **WKID** (Well-Known Identifier) is used in place of ‘EPSG Codes’.

The term **Transformation** is used in place of ‘Spatial Reference’.

Transformation options are now :

1. None – the logged latitude & longitude are exported
2. UTM – transform from logged latitude & longitude into UTM northings & eastings
3. WKID – transform from logged latitude & longitude into selected WKID

MyLocator3 – Datalog Export Options

MyLocator3 Datalog User Interface:

1. Datalog export options now have **Basic** and **Advanced** tabs.

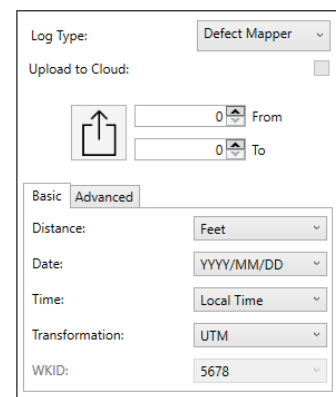
2. **Basic** options are:

- a. Distance (Metres - Feet - US Feet)
- b. Date (DD/MM/YYYY - MM/DD/YYYY - YYYY/MM/DD)
- c. Time (UTC - Local)
- d. Transformation (None - UTM - WKID)
- e. WKID (enabled when Transformation is WKID)

3. **Advanced** options are:

- a. Height (Above Geoid - Above Ellipsoid)
- b. Height Of (GNSS Antenna - Locator Foot)
- c. Source Datum (Default if missing - Override Always)
- d. Source Datum (a selection of RTK source datums)

‘Set Defaults’ will restore the default advanced export options.



Log Type: Defect Mapper

Upload to Cloud:

From: 0 To: 0

Basic | Advanced

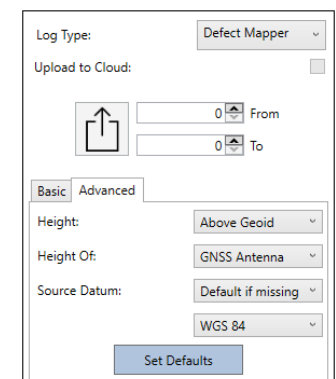
Distance: Feet

Date: YYYY/MM/DD

Time: Local Time

Transformation: UTM

WKID: 5678



Log Type: Defect Mapper

Upload to Cloud:

From: 0 To: 0

Basic | Advanced

Height: Above Geoid

Height Of: GNSS Antenna

Source Datum: Default if missing

WGS 84

Set Defaults

Advanced options explained:

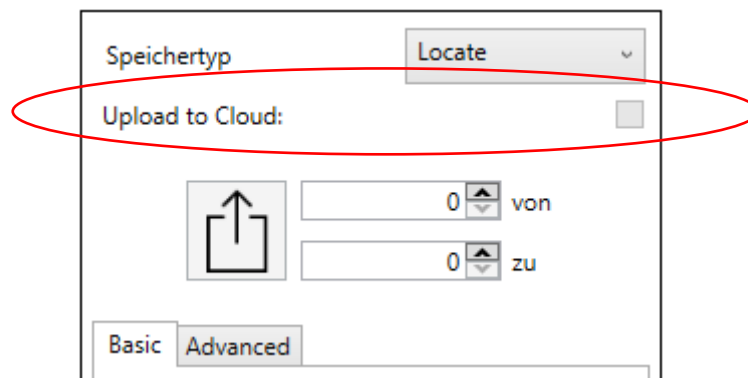
1. Height
 - a. Above Geoid: uses the altitude value directly.
 - b. Above Ellipsoid: uses the altitude value + geoid separation.
2. Height of
 - a. GNSS Antenna: uses the ‘Height’ value directly. (Antenna in front of the display)
 - b. Locator Foot: uses the ‘Height’ value - antenna height (surface).

3. Source Datum
 - a. Default if missing: used if the log does not have a source datum.
 - b. Override Always: used as the source datum and will override any logged datum.

Additional informations:

The *Upload to Cloud* option is available for vLoc3-RTK locators.

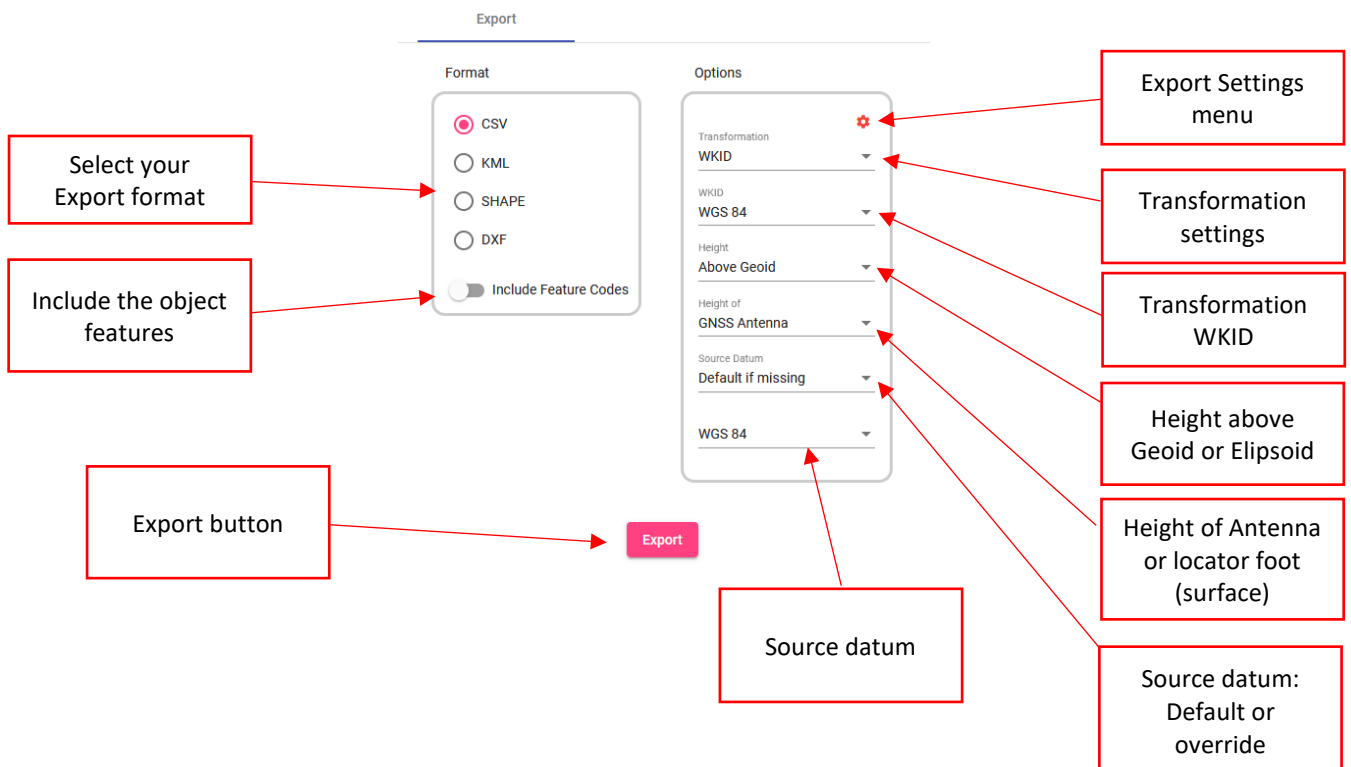
Using this option, MyLocator3 will extract the requested datalogs and automatically upload them to the cloud server. This can be used as an alternative if the vLoc3-RTK has not uploaded the datalog directly or an error has occurred.



It is anticipated that this feature will be available in the future for non-RTK locators.

VMMMap Cloud – Datalog Export Options

VMMMap Cloud Export User Interface:



1. Select export format:

The export format can be chosen between the following options:

- .csv – Text format in Excel
- .kml – Export format for Google Earth®
- .shp – Shape file. Export of vector geo data
- .dxf – CAD-Data for AutoCAD

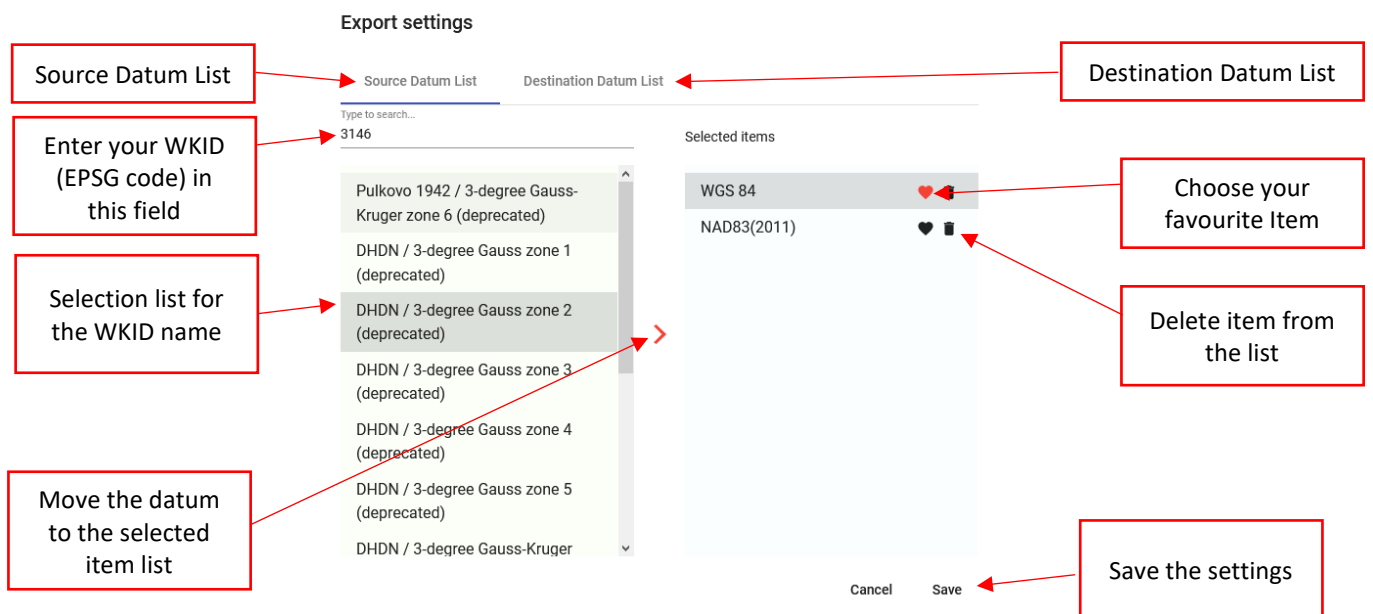
2. Include object feature

If selected, all object feature names will be exported as well

3. Export settings menu (Only necessary for WKID / EPSG codes)

The export settings provide the option to set the source datum and destination datum.

The chosen data is stored in a selection list and can be selected in a dropdown list on the "Export user interface".



1. Type in your desired WKID (EPSG code) and the name of the code will be shown in the green box.
2. Select the name and click on the orange arrow to shift it to the list of selected items. (blue box)
3. If you have more than one item you can select your favourite by clicking the heart button.

This is always displayed first in the export user interface.

4. If you want to choose your destination datum list, follow the same steps (1-3) in the „Destination Datum List“. (Default setting is WGS 84)
5. Click on the „save“ button to leave the export settings menu.

4. Height above Geoid or Ellipsoid

Select the height reference between geoid or ellipsoid.

5. Height of Antenna or locator foot (surface)

Select the height of your measurement. It can be either the GNSS antenna in front of the display or the antenna foot of the receiver (surface)

6. Source datum - Default or override

Default if missing: used if the log does not have a source datum.

Override Always: used as the source datum and will override any logged datum.

7. Select source datum:

Select the source from your Export settings menu. (See no. 3)

8. Save or cancel your settings

Press the „save“ or „cancel“ button. Your settings will be saved, until the next change.