Marine Reporting Wizard ArcGIS link

Contents

[Prerequisites 2](#_Toc362436219)

[Installation 2](#_Toc362436220)

[Check configuration 4](#_Toc362436221)

[ReportDatabasev5.ini 4](#_Toc362436222)

[MRWizard.ini 4](#_Toc362436223)

[Using the ArcGIS tool 5](#_Toc362436224)

[Get a complete set of sample points 5](#_Toc362436225)

[Filtering samples from the map 6](#_Toc362436226)

[Plot points on the map 7](#_Toc362436227)

[Advanced configuration / troubleshooting 8](#_Toc362436228)

[The Arc plugin is installed to: 8](#_Toc362436229)

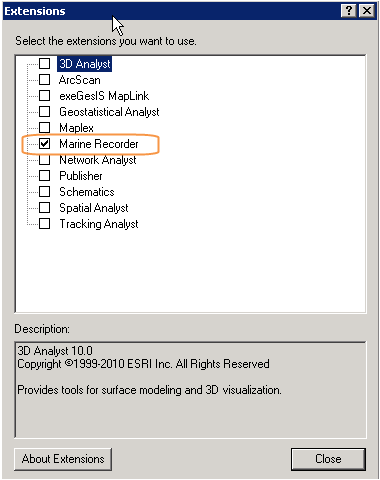
[Changing location of MRWizard.INI file 8](#_Toc362436230)

# Prerequisites

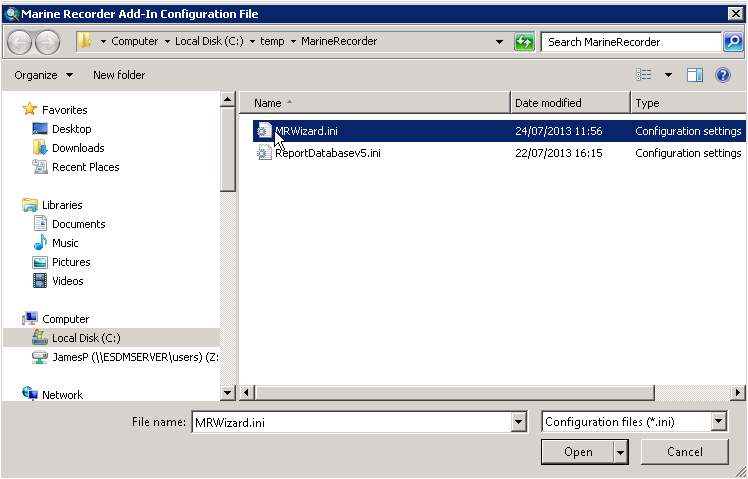
* This requires the MarineRecorder marine reporting wizard which can be downloaded from [www.esdm.co.uk/marinerecorder](http://www.esdm.co.uk/marinerecorder)
* It also requires ArcGIS 10 or later

# Installation

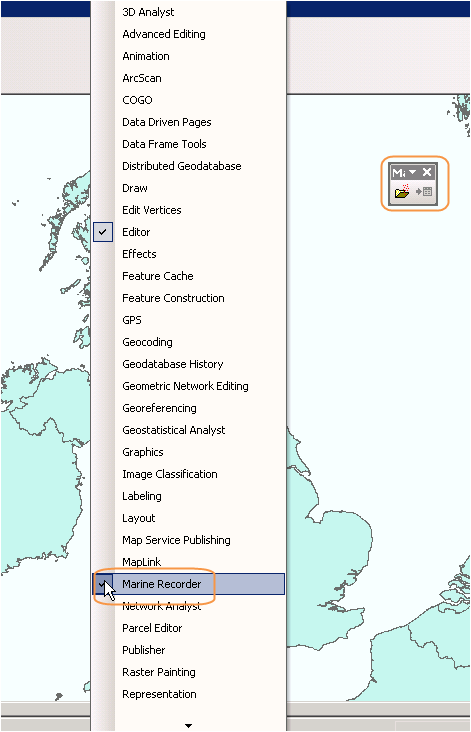
* Unzip the file you have downloaded – and then double click on MarineRecorderAddin.esriAddIn and Install the AddIn (this needs to be done once per user who wants to use it)
* Open ArcGIS and use the Customize, Extensions menu option to tick the Marine Recorder add in.



* The first time you do this you will be asked for the location of the MRWizard.ini file. This can be anywhere where you have write permissions, but by default will be in the same location as ReportDatabasev5.ini.



* Then right click on the toolbar in ArcGIS to switch on the MarineRecorder toolbar



* You will have to restart Arc to get the MarineRecorder toolbar to enable. It should have two buttons enabled if all is configured correctly and look like:

C:\Documents and Settings\Lynn Heeley\Desktop\MR toolbar Arc.gif

# Check configuration

## ReportDatabasev5.ini

Recommended location C:\ReportDatabase). This contains:

[Attachments]  
AutoCheckOnLoad=1  
SNAPSHOTDATA.Mdb= C:\ReportDatabase \CCWSnapshot.mdb  
MarineLUT.mdb= C:\MarineRecorderv5

[MarineRecorder]

InstallDir=C:\MarineRecorder5\

[Coordinates]

OutsideUK=0

[Setup]  
MRWizard.ini= C:\ReportDatabase

If you have changed the location of any files please correct the paths

## MRWizard.ini

Recommended location C:\ReportDatabase). This contains:

[Setup]  
TempFolder=C:\ReportDatabase  
AccessMDB=C:\ReportDatabase\ReportDatabasev5.mdb  
TransferFile=C:\ReportDatabase\GISTransfer.txt

UseFileSystemWatcher=false

OR

UseFileSystemWatcher=true

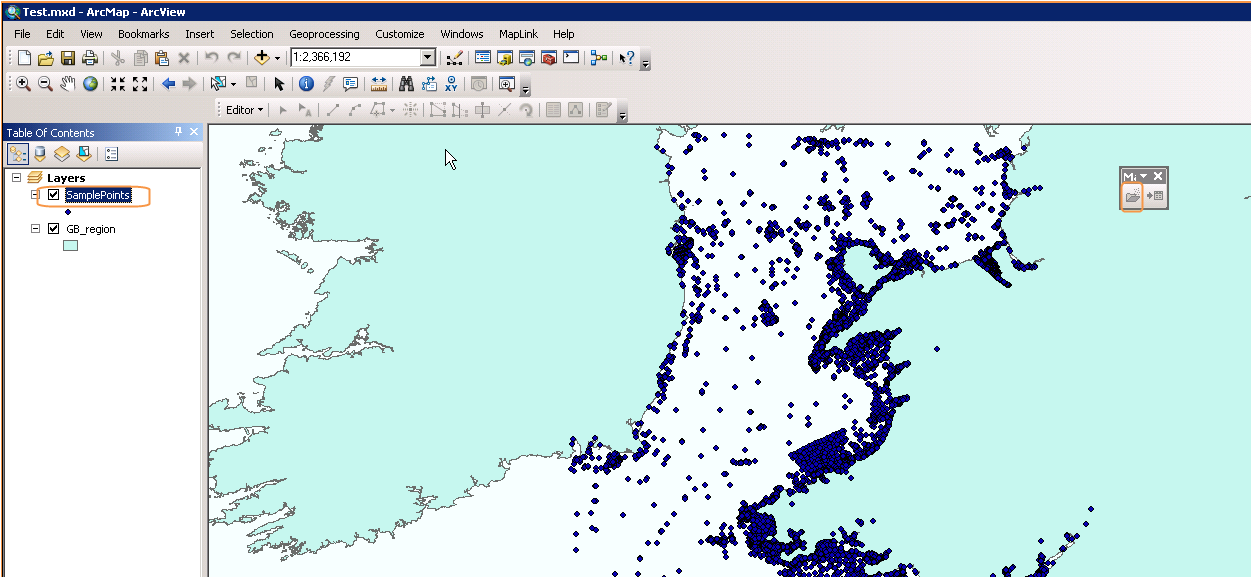
This final line refers to logic that makes the file system watcher optional – if set to true Arc will automatically load the data filtered in the ReportWizard but you may need to set this to false and use the ‘Map records’ button on the MR toolbar in ARC if you are experiencing issues with performance (some users found this auto option slowed ARC down etc).

If you have changed the location of any files please correct the paths

# Using the ArcGIS tool

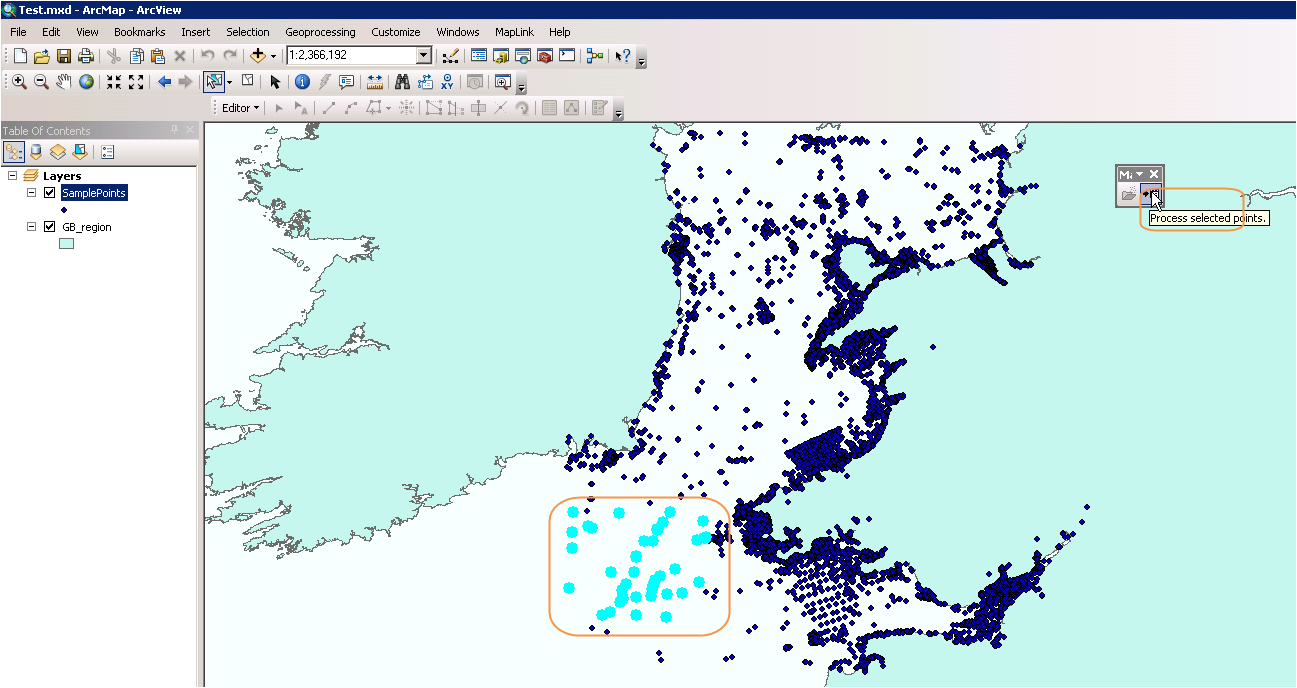
## Get a complete set of sample points

Use  to get a complete set of sample points from your snapshot (change the settings in your ini file to change the snapshot that you are viewing and make sure you have not ticked the option to skip the creation of WGS when creating the snapshot).

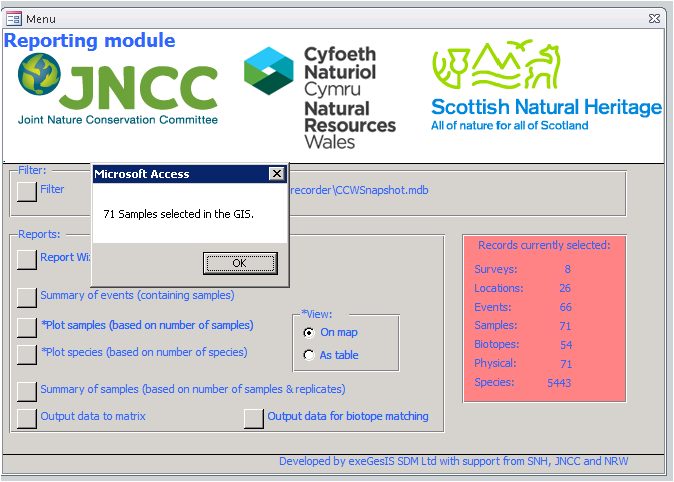


## Filtering samples from the map

Use any ArcGIS tool or query to select points on the SamplePoints layer. Once there is an active selection you can use the button (second from left called ‘Process selected points’ to push this selection into the Report Wizard as a filter in the database



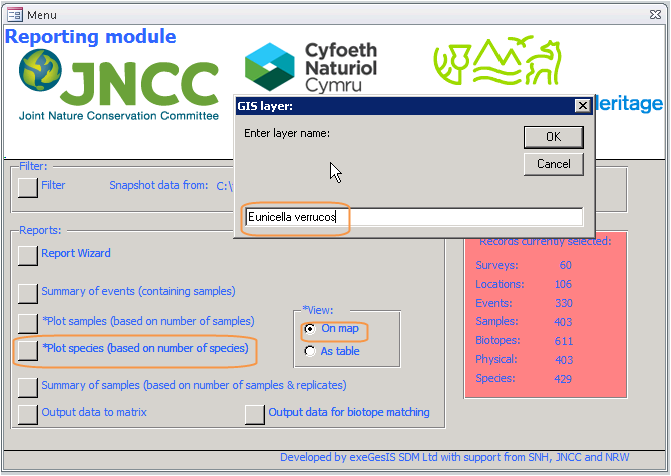
Then move to your ReportWizard database and you will see there is an active selection based on the points selected in the map.



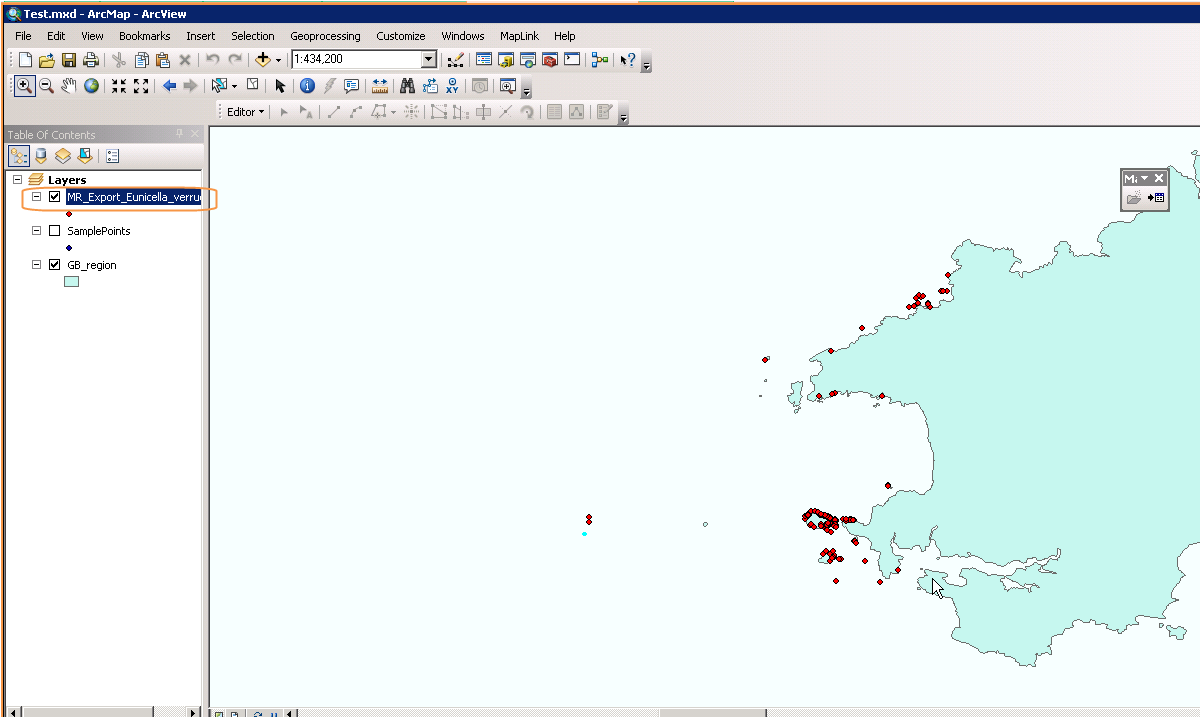
## Plot points on the map

You can plot the results from a query in the Report Wizard onto the map. Use the report wizard as normal to create your selection and then select any of the various options that allows you to display the results on map.

You will be asked to enter the name for the layer



ArcGIS should automatically load the layer into your current map and zoom to the extent (if you have the UseFileSystemWatcher=true). You will need to manually switch to the map (or if you have the UseFileSystemWatcher=false you will need to pull the data into ARC using the ‘Map Records’ button: looks like a key).



## 

## Advanced configuration / troubleshooting

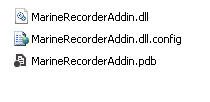
You should not have to look here unless you are having issues / want to remove plugin completely

## The Arc plugin is installed to:

Windows 7:

C:\Users\*UserName*\AppData\Local\ESRI\Desktop10.0\AssemblyCache\*{GUID}*

GUID will vary – and there may be several if you have other plugins – you will need to look in each for:



You can delete the whole folder if you are looking to remove the tool

Or can you delete it from Arc using the Addin manager.

## Changing location of MRWizard.INI file

This is stored in the user config file in a folder like:

In Windows 7:

C:\Users\*UserName*\AppData\Local\ESRI\DefaultDomain\_Path\_*a11xn45vxuk4d2oixihtmjugblxavdtr*\10.0.0.2414

Or XP as:

C:\Documents and Settings\ *UserName* \Local Settings\Application Data\ESRI\ DefaultDomain\_Path\_y2xrdbvefckmya4eb3q5unbj1kdc41ga

You could either edit the setting in there – or delete the file and you would get prompted again next time you run the tool