

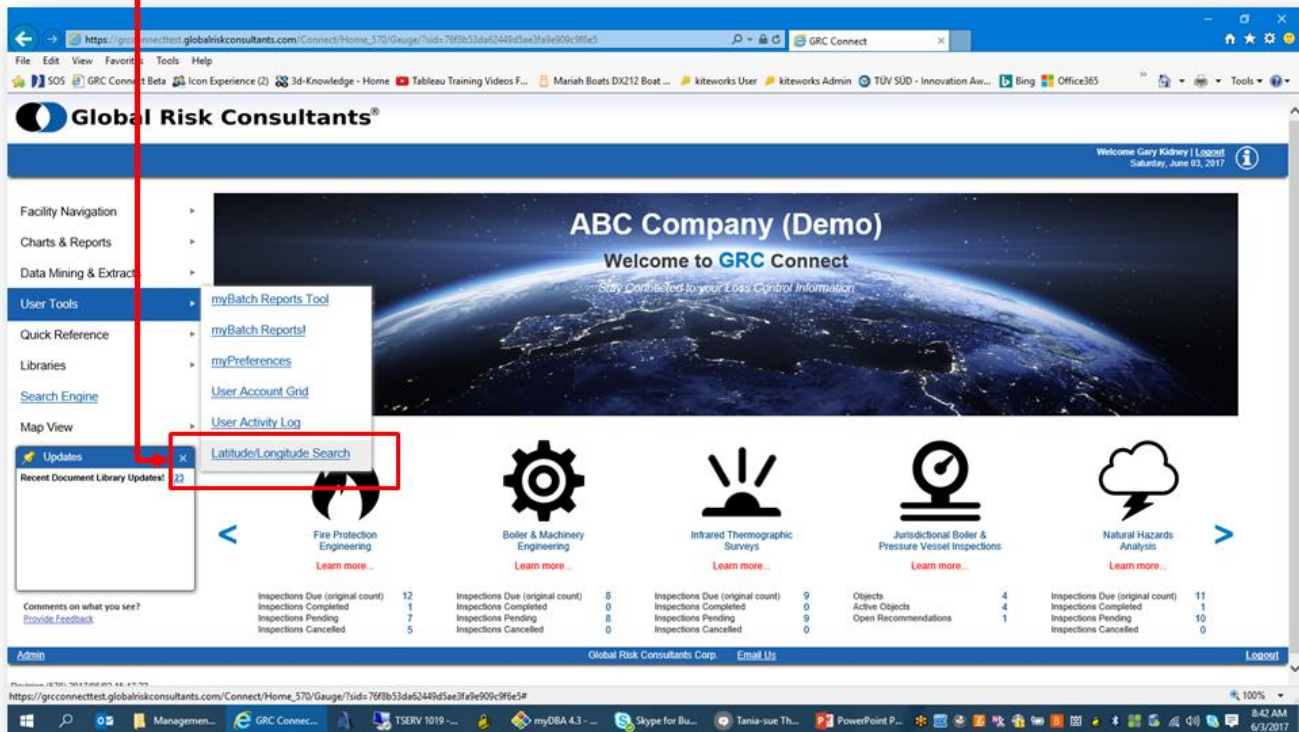
GRC Connect

Latitude/Longitude Location Search

The purpose of the **Latitude/Longitude Location Search** tool is to provide the user a quick and simple way to view locations in proximity to any point of interest, whether it is the epicenter of an earthquake, point of landfall of a hurricane, etc.

By inserting latitude and longitude coordinates (a point of interest) and a range in miles, nautical miles or kilometers, the tool will query all locations falling within that range, which can be viewed in spreadsheet form or under the Map View.

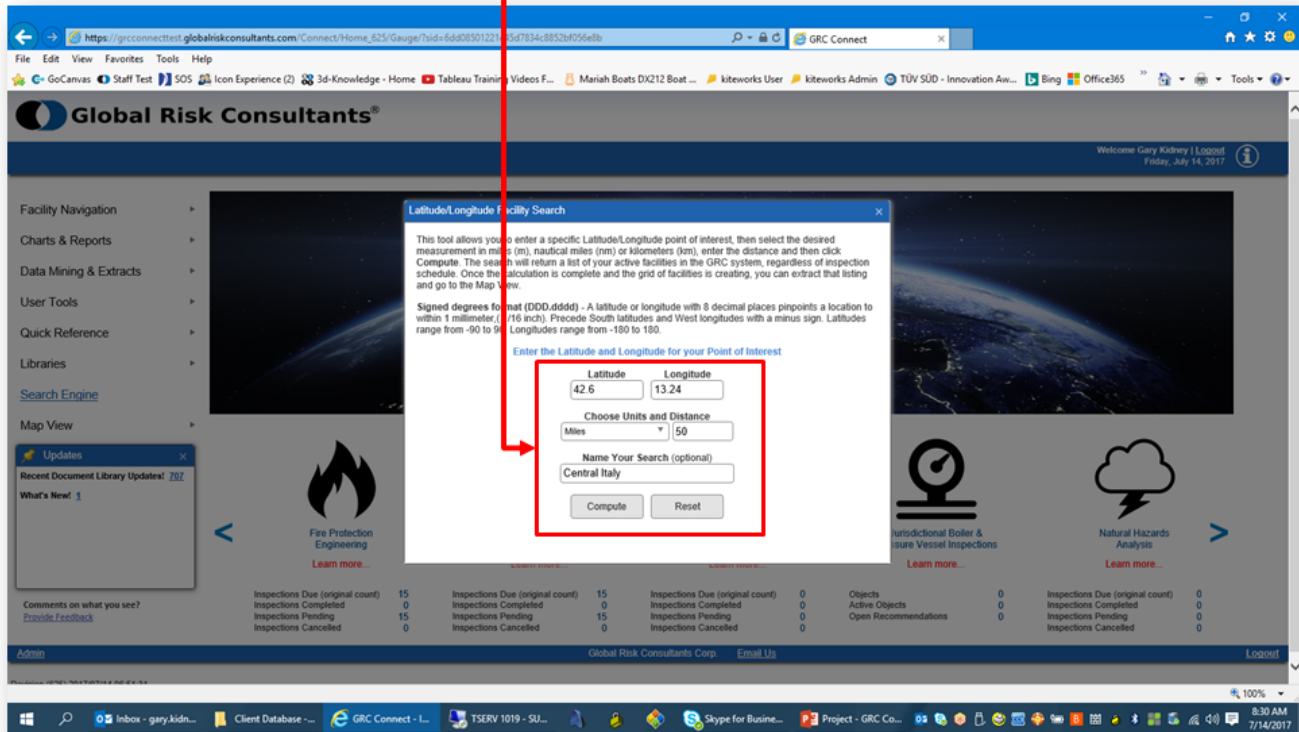
Clicking on **User Tools > Latitude/Longitude Search** from the main menu, will access the location search tool.



The screenshot shows the GRC Connect web application interface. The top navigation bar includes the Global Risk Consultants logo and a welcome message for Gary Kidney. The left sidebar contains a 'User Tools' dropdown menu, which is expanded to show various options. A red line points from the text above to the 'Latitude/Longitude Search' link in this menu. The main content area features a large banner for 'ABC Company (Demo)' and a grid of icons representing different inspection types: Fire Protection Engineering, Boiler & Machinery Engineering, Infrared Thermographic Surveys, Jurisdictional Boiler & Pressure Vessel Inspections, and Natural Hazards Analysis. Below the grid, there are tables showing inspection counts for each category. The bottom of the page includes a footer with the company name and a logo.

Inspection Type	Inspections Due (original count)	Inspections Completed	Inspections Pending	Inspections Cancelled
Fire Protection Engineering	12	1	7	5
Boiler & Machinery Engineering	8	0	8	0
Infrared Thermographic Surveys	9	0	9	0
Jurisdictional Boiler & Pressure Vessel Inspections	4	4	1	0
Natural Hazards Analysis	11	1	10	0

Here you can enter any latitude and longitude coordinates for any Point of Interest, choose the units, enter a distance, name the search and then hit the **Compute** button.



Latitude/Longitude Facility Search

This tool allows you to enter a specific Latitude/Longitude point of interest, then select the desired measurement in miles (mi), nautical miles (nm) or kilometers (km), enter the distance and then click **Compute**. The search will return a list of your active facilities in the GRC system, regardless of inspection schedule. Once the calculation is complete and the grid of facilities is creating, you can extract that listing and go to the Map View.

Signed degrees format (DDD.ddddd) - A latitude or longitude with 5 decimal places pinpoints a location to within 1 millimeter (1/16 inch). Precede South latitudes and West longitudes with a minus sign. Latitudes range from -90 to 90. Longitudes range from -180 to 180.

Enter the Latitude and Longitude for your Point of Interest

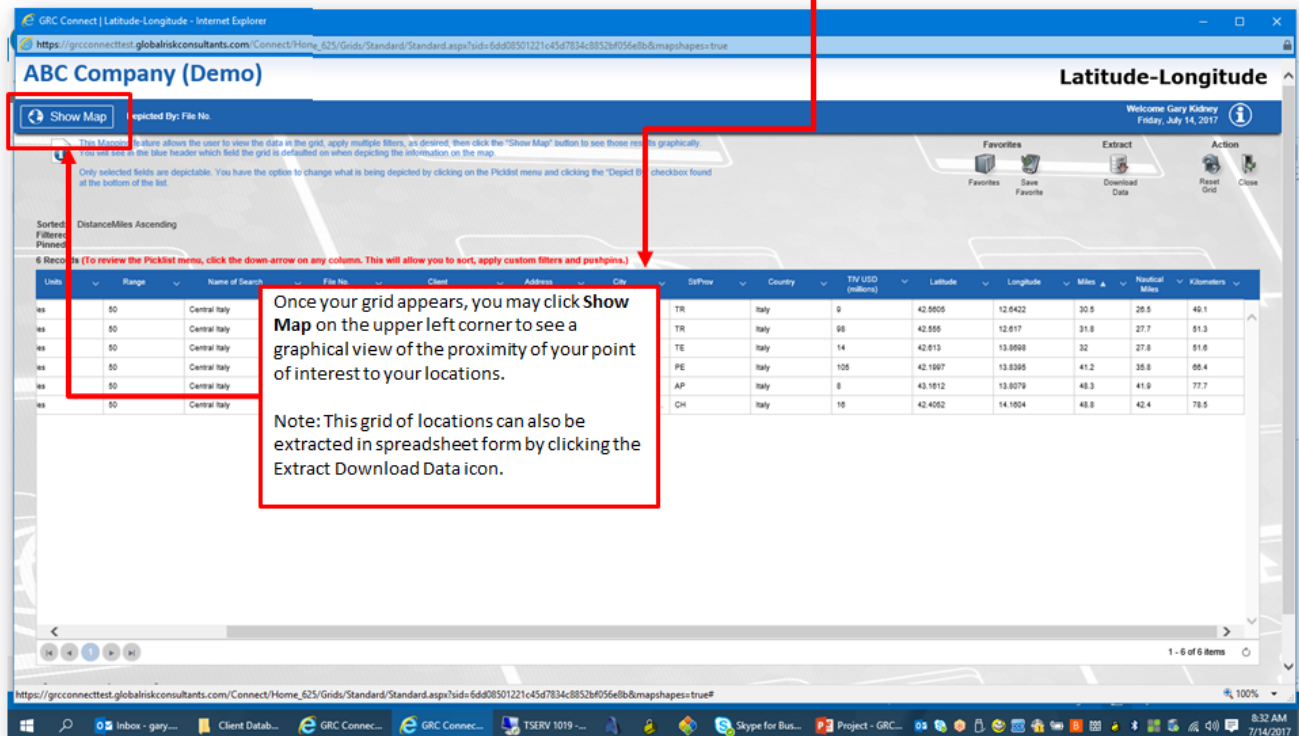
Latitude: 42.6 Longitude: 13.24

Choose Units and Distance: Miles 50

Name Your Search (optional): Central Italy

Compute Reset

After clicking **Compute**, the application will search and retrieve all locations within your search criteria. The grid will contain your search criteria and location details, distances from the Point of Interest in Miles, Nautical Miles and Kilometers, sorted in ascending order by the **Miles** column.



ABC Company (Demo)

Latitude-Longitude

Welcome Gary Kidney Friday, July 14, 2017

Show Map

Sorted: DistanceMiles Ascending

6 Records (To review the Picklist menu, click the down-arrow on any column. This will allow you to sort, apply custom filters and pushpins.)

Grid Columns: Units, Range, Name of Search, File No., Client, Address, City, StProv, Country, TR USD (millions), Latitude, Longitude, Miles, Nautical Miles, Kilometers

Grid Data:

Units	Range	Name of Search	File No.	Client	Address	City	StProv	Country	TR USD (millions)	Latitude	Longitude	Miles	Nautical Miles	Kilometers	
mi	50	Central Italy						TR	Italy	9	42.6000	13.2422	30.5	26.5	49.1
mi	50	Central Italy						TR	Italy	98	42.5555	12.617	31.6	27.7	51.3
mi	50	Central Italy						TE	Italy	14	42.613	13.9598	32	27.8	51.6
mi	50	Central Italy						PE	Italy	105	42.1987	13.8385	41.2	35.6	66.4
mi	50	Central Italy						AP	Italy	8	43.1612	13.8079	48.3	41.9	77.7
mi	50	Central Italy						CH	Italy	18	42.4052	14.1604	48.8	42.4	78.5

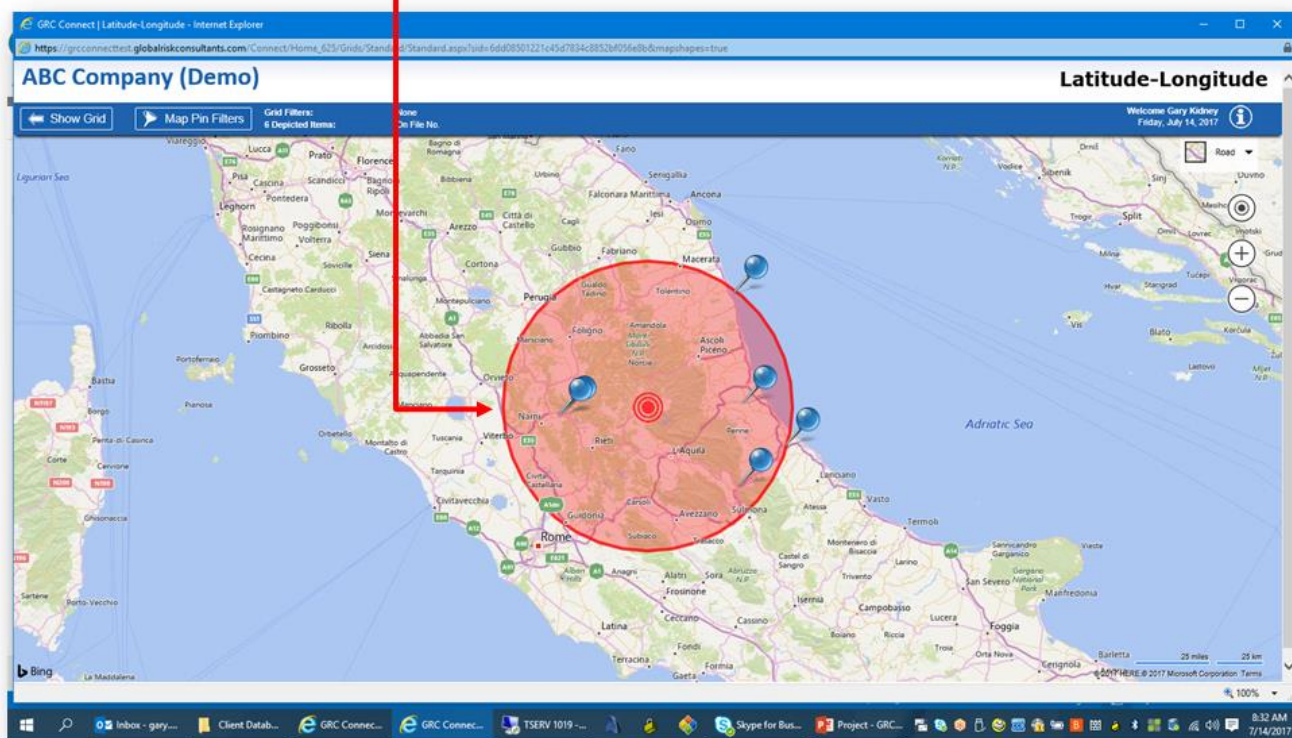
1 - 6 of 6 items

Extract Download Data

Once your grid appears, you may click **Show Map** on the upper left corner to see a graphical view of the proximity of your point of interest to your locations.

Note: This grid of locations can also be extracted in spreadsheet form by clicking the **Extract Download Data** icon.

Under the **Show Map** view, you will see your Point of Interest search as the red bullseye at the center of the map with blue pins representing your locations along with a highlighted red circle identifying the circumference of your Point of Interest search.



Clicking on any of the blue pins will open the popup containing some facility details and interactive Bing image.

