

Your final report needs to address your specific client's need. Since you are presenting content for a foreign entity, you will need to create a multimedia presentation.

Address the purpose of why you are reconfiguring the radar system. You will find this in the original presentation.

There will be a few media pieces:

Record an Arduino sonar system that you have set up with a video camera. You want to show how an object can pass through a system and be detected by sonar.

Next, create three layers using GPS coordinates and add this to Excel.

Layer 1: Flight Path of MH as it flew over your country's airspace.

Layer 2: Existing system for the country and the range of that airport system.

Layer 3: Recreate the new system to show range and GPS location as your team determined through your refined concept sketch.

With these 3 layers you have content for a multimedia Geographic Information systems report. You have two tools:

Excel PowerMaps

Google Earth

Both tools use layers and GPS coordinates. Both tools can create animations that can tell the story of how your system can cover an area with radar coverage. Your finished piece of media should be added to the presentation.

Thus, a finished presentation will include:

The purpose of the presentation and the country you are presenting for

A video of the sonar system as it works

A layered GIS media exhibit

An editorial piece from your team explaining your system and the cost of the system you are proposing. Be sure to include an estimate of the cost visually.

A powerpoint presentation could cover this information. Please add your presentation to OneNote in the Collaboration Space.