**One Piece**

Given the following map : <https://i.redd.it/tmlbu5lfwq941.jpg> \*\*If the URL does not load, download the image from the project folder.

* Connect all the islands (specified below) in the above map using the least amount of wires and satisfying the below conditions:
  + The only way to go from one “Blue” to another is via the reverse mountain.
    - Exception: North Blue and West Blue.
  + Islands to consider:
    - North Blue
      * Rubeck Island (2000)
      * Germa 66 (1500)
      * Flevance Kingdom (6546)
    - West Blue (10000)
    - East Blue
      * Baratie (70)
      * Dawn Island (2133)
    - South Blue (65466)
* Choose an appropriate network address and using a quarter of the total IPs you took, create subnets to assign to each of the places.
* Assign IP addresses to all the devices and interfaces.
* Mary Geoise (321) has a web server to send notice to everyone about the Government.
* Establish connections among all the networks with the shortest route possible.
  + Must have at least one floating route.
  + Must have a backup system to handle missing routing entries.
  + Configure at least two networks to have dynamic routing
* Showing 2 end devices per network is good enough to represent the whole population.
  + Mary Geoise has laptops and printers
* You need to be able to ping each other after all the setups are complete.

**Deliverables**

* The network mentioned above should be implemented in packet tracer, with necessary devices and full configuration.
* After completion you should be able to test the conditions imposed.
* As hardcopies, you will have to submit the followings:
  + Network topology diagram with proper labels
  + The configurations of all the routers that you have implemented.
  + VLSM/Network address table.
  + IP address table