US418

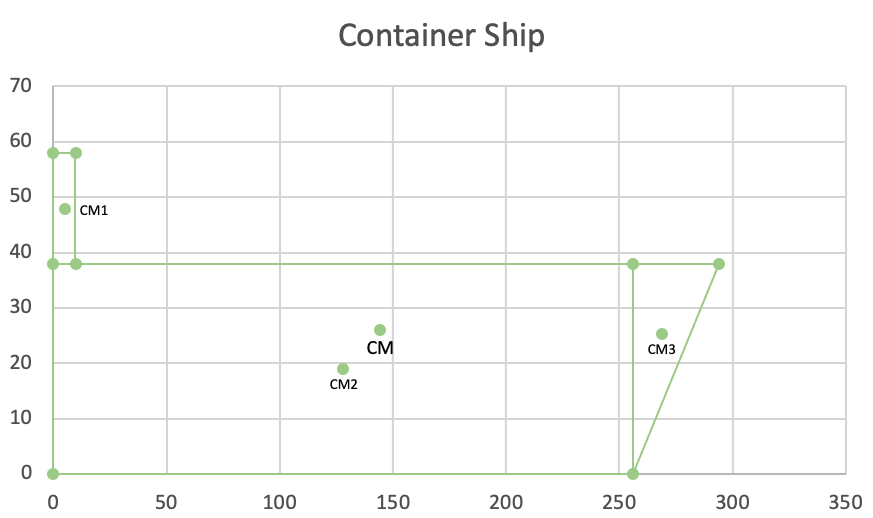
First, we’ll define three different types of vessel:

* Container Vessel;
* Tug Vessel;
* Ro-Ro Vessel;

The first one has the cabin crew in the stern. As the name suggest, it is used to transport containers. The dimensions are:

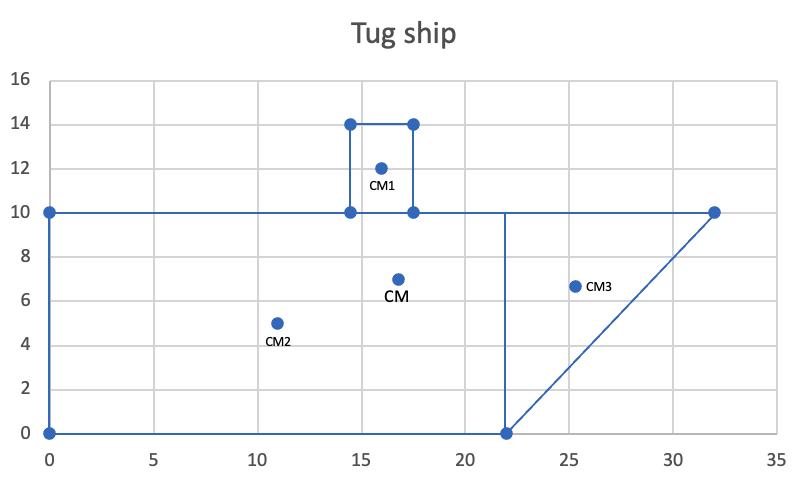
* Length: 294 m;
* Beam: 32 m;
* Draft: 12 m;
* Tare Weight: 55.000 tons;
* Height: 57.91 m;
* Cabin crew: 20m x 10m;

For calculation purposes, all calculations are done in meters (*m*) and kilograms (*kg*).



The second one, is a Tug Ship that has multiple types, but they share the same dimensions and characteristics:

* Length: 32 m;
* Beam: 11.60 m;
* Draft: 4.29 m;
* Tare Weight: 370 tons;
* Height: 14 m;
* Cabin crew: 4m x 3m;



The last one is a Ship that’s used to carry vehicles. Usually, this type of ship has the cabin crew in the bow. This one has the following dimensions:

* Length: 209 m;
* Beam: 31.84 m;
* Draft: 9.8 m;
* Tare Weight: 20000 tons;
* Height: 53.34 m;
* Cabin Crew: 10m x 5m;

