

## Ship.class

```
- bool floating
- float capacity
-     length
-     width
-     height
- String name
-     origin
-     dateDepart
-     dateArrive
-     owner
```

*incl. all necessary  
getter/setters*

```
# balance()
# deposit(int amt)
# withdraw(int amt)

+ calcMonthlyInt()
+ static modIntRate()

+ printWaybill()
+ printSpecs()
+ printPorts()
+ printDates()
+ printCargo()
```

EXTENDS

EXTENDS

## CargoShip.class

```
String OR enum cargoType
                loadingMethod
String customCargo
int numCranes
bool contraband
float cargoValue
```

```
+ printWaybill() override
+ printSpecs() override
+ printCargo() override

+ customCargo()
+ setCustomCargo(String cargo)
```

## CruiseShip.class

```
float ticketPrice
int numRooms
? buffetMenu
? services[]
String OR enum cruiseType
```

```
+ printWaybill override
+ printSpecs override
+ printCargo() override
+ printServices()
```