

The Northampton Shipping Line

For the scenario below identify the **entities**, their **attributes** and appropriate **keys**

The Northampton Shipping Line has a number of ships. Each **ship** has a different **name** and the **size of the ship (tonnage)** and the recommended **number of crew members** needs to be recorded. Each ship is registered to a specific country and the shipping line has ships **registered to different countries**. Each ship has **cabins** to accommodate the crew. Cabins have a **unique cabin number**, and are of **different types and different numbers of beds**.

All **crew** members have a **unique Crew ID**, their **name** and **next of kin details** are recorded as well as **the date** they started with the **shipping line**, known as the **service date**, and their **insurance number**.

Each journey undertaken by a ship is known as **a sailing**. Each sailing has a **start port and a destination port**. The **date** the ship starts its journey is recorded.

Crew are assigned to ships for specific sailings. For each sailing they **undertake their role** (for example Navigator) is recorded.

= Foreign Key