Data Dictionary - Entities

Entity	Description	Attributes	Identifier
Ships	Represents all Ships.	IMO, name, tonnage, nationality, draft, autonomy	IMO
ownShips	Represents Company Ships.	IMO	IMO
rentalShips	Represents Ship Rented from Rental Companies.	IMO, masterData, rentalCompanyContacts	IMO
rentalCompanies	Companies we rent ships from	rentalCompanyIVA, rentalCompanyName	rentalCompanyIVA
rentalContracts	Contracts between our company and the companies we rent ships from.	registrationNo, rentalCompanyIVA, IMO, rentStartDate, rentEndDate, availability, esignature	registrationNo
haveCrew	Represents associations between certain ships and certain crew types.	IMO, crewType	IMO
Crews	represent the various roles of the various crew types.	Pk, crewType, role, qualifications, certificate, vacancies, salary	pk
wherePorted	represents the current port of each ship in the present, independent of mission ports.	IMO, portCoordinates, ported	IMO
Missions	represents the missions corresponding to carriage contracts.	missionNo, IMO, missionStartDate, missionEndDate, missionLoad, advanceDelay, currCoordinates, missionValidity	missionNo
Employees	represents all the employees of the company, regardless of their current specific occupation at the company.	id, employeeName, qualifications	id
haveStaff	represents the staff of each mission, who are picked from the employees according to crew type.	missionNo, id, role, qualifications.	missionNo
Customers	represents the customers who want to request carriage missions.	customerIVa, customerName	customerIVA
carriageContracts	carriage contracts between our company and a customer.	missionNo, customerIVA, stipulationDate, price, esignature, contractStatus	missionNo
Containers	describes each individual container of each mission.	missionNo, containerNo, contentType, ownerData	missionNo
routes	identifies the route of each mission	missionNo	missionNo
Points	represents the geographic points of each route.	missionNo, coordinates, expectedCrossing, effectiveCrossing	missionNo
Ports	represents ports associated with missions.	missionNo, portCoordinates, departureArrival, portingDate, effectivelyPorted	missionNo