Logical

Operator

opId{id}
opCompanyName
opCeoName

Port

portCode{id}
portName
portCountry
portPopulation
portLongitude
portLatitude

1..1
operates
1..*

Ship

shipCode{id}
shipName
shipCommDate
shipTonnage
shipMaxCap
shipRegCountry

1..* docked by

1..1

1..1 facilitates

1..1

Stop

cruiseId{id}
portCode{id}
stopDepartureDatetime
stopArrivalDatetime

contains

1..1

1..1 carries

1..1 goes on

1..*

makes

1..1

Cabin

cabNo{id}
shipCode{id}
cabCapacity
cabClass

1..*

1..1

0..* 0..1

Passenger

passengerId{id}
passengerFname
passengerLname
passengerGender
passengerDob
passengerGuardian
passengerAddress
   street
   town
   postcode
   country
passengerBoardingDatetime

guardian of

0..*

has

0..*

1..*

Cruise

cruiseId{id}
cruiseName
cruiseDesc

1..1

1..* records 1..1

Manifest

manifestId{id}
cruiseId{id}
cabNo{id}

1..1

records