ER-diagram - shipping

Database purpose - tracking the movement of ships

Service

Service ID (PK)	bigserial
Ship ID (FK)	serial
Captain ID (FK)	serial
Start of service	date
End of service	date

Ship

Ship ID (PK)	serial
Ship name	text
Homeport ID (FK)	serial
Type ID (FK)	serial
Displacement	integer
Start of exploitation	date
End of exploitation	date

Visit

Visit ID (PK)	bigserial
Ship ID (FK)	serial
Berth ID (FK)	serial
Purpose	text
Arrival date	date
Departure date	date

Berth

Berth ID (PK)	serial
Berth number	integer
Port ID (FK)	bigserial

Captain

Captain ID (PK)	bigserial
First name	text
Last name	text
Date of birth	date

Port

Port ID (PK)	serial
Port name	text
Coordinates	point
Country	text
Administration adress	text

Certificate

Certificate ID (PK)	serial
Captain ID (FK)	serial
Issue date	date
Expiration date	date

Type

| Type ID (PK) | serial |
| Type name | text |