

The Alexamara Marina Database

The Alexamara Marina Group Database

- Alexamara Marina Group offers in-water storage to boat owners by providing slips that owners can rent on an annual basis
- Owns two marinas: East and Central
- Provides boat repair and maintenance services
- Uses database to store information for managing operations

Data for Marina Table

This table contains information about 2 marinas

- Marina number (1 for Alexamara East and 2 for Alexamara Central)

MARINA

MARINA_NUM	NAME	ADDRESS	CITY	STATE	ZIP
1	Alexamara East	108 2nd Ave.	Brinman	FL	32273
2	Alexamara Central	283 Branston	W. Brinman	FL	32274

Data for Owner Table

- This table contains information about the boat owners to whom Alexamara rents slips

OWNER

OWNER_NUM	LAST_NAME	FIRST_NAME	ADDRESS	CITY	STATE	ZIP
AD57	Adney	Bruce and Jean	208 Citrus	Bowton	FL	31313
AN75	Anderson	Bill	18 Wilcox	Glander Bay	FL	31044
BL72	Blake	Mary	2672 Commodore	Bowton	FL	31313
EL25	Elend	Sandy and Bill	462 Riverside	Rivard	FL	31062
FE82	Feenstra	Daniel	7822 Coventry	Kaleva	FL	32521
JU92	Juarez	Maria	8922 Oak	Rivard	FL	31062
KE22	Kelly	Alyssa	5271 Waters	Bowton	FL	31313
NO27	Norton	Peter	2811 Lakewood	Lewiston	FL	32765
SM72	Smeltz	Becky and Dave	922 Garland	Glander Bay	FL	31044
TR72	Trent	Ashton	922 Crest	Bay Shores	FL	30992

Data for Marina_Slip Table

- Slip number
 - Slips in Marina 1 (Alexamara East) consist of the letter A or B followed by a number (A1 or B2)
 - Slips in Marina 2 (Alexamara Central) consist of just a number (1, 2, 3 ...)

MARINA_SLIP

SLIP_ID	MARINA_NUM	SLIP_NUM	LENGTH	RENTAL_FEE	BOAT_NAME	BOAT_TYPE	OWNER_NUM
1	1	A1	40	\$3,800.00	Anderson II	Sprite 4000	AN75
2	1	A2	40	\$3,800.00	Our Toy	Ray 4025	EL25
3	1	A3	40	\$3,600.00	Escape	Sprite 4000	KE22
4	1	B1	30	\$2,400.00	Gypsy	Dolphin 28	JU92
5	1	B2	30	\$2,600.00	Anderson III	Sprite 3000	AN75
6	2	1	25	\$1,800.00	Bravo	Dolphin 25	AD57
7	2	2	25	\$1,800.00	Chinook	Dolphin 22	FE82
8	2	3	25	\$2,000.00	Listy	Dolphin 25	SM72
9	2	4	30	\$2,500.00	Mermaid	Dolphin 28	BL72
10	2	5	40	\$4,200.00	Axxon II	Dolphin 40	NO27
11	2	6	40	\$4,200.00	Karvel	Ray 4025	TR72

Service Category

- The types of service provided are stored in the SERVICE_CATEGORY table

SERVICE_CATEGORY

CATEGORY_NUM	CATEGORY_DESCRIPTION
1	Routine engine maintenance
2	Engine repair
3	Air conditioning
4	Electrical systems
5	Fiberglass repair
6	Canvas installation
7	Canvas repair
8	Electronic systems (radar, GPS, autopilots, etc.)

Service Request

- Information about the services requested by owners is stored in the SERVICE_REQUEST table
- Each row in the table contains **service id**, **slip id**, the **category number** of the service to be performed, **description** of the specific service , **slip** information: **status**, **estimated hours**, **hours spent**, and **next service date**

SERVICE_REQUEST							
SERVICE_ID	SLIP_ID	CATEGORY_NUM	DESCRIPTION	STATUS	EST_HOURS	SPENT_HOURS	NEXT_SERVICE_DATE
1	1	3	Air conditioner periodically stops with code indicating low coolant level. Diagnose and repair.	Technician has verified the problem. Air conditioning specialist has been called.	4	2	7/12/2017
2	5	4	Fuse on port motor blown on two occasions. Diagnose and repair.	Open	2	0	7/12/2017