

ICT platform 1st updating report Veneto Region

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1. Introduction

The following pages offer a brief overview of the small ports of the Veneto Region that face the Adriatic Sea. Data from these structures have been collected during the first phase of data collection conducted by LP in 2021 with the support of the stakeholders of the territory such as Assonautica and Assomarinas.

The survey covered the following structures:

1. Club Nautico Marina di Brondolo
2. Mariclea Club
3. Marina del Cavallino
4. Marina del Sole
5. Marina di Lio Grando Srl
6. Marina di Porto Fossone
7. Marina Fiorita
8. Venezia Certosa Marina
9. Marina Santelena

These constitute only a part of the small ports present in the Veneto Region. Indeed, further data will be collected in the second round of data collection that will be performed in the upcoming months till the end of the project, foreseen for June 2023.

Furthermore, the FRAMESPORT ICT portal that has been developed during the project implementation and that is close to its publication, has been conceived to be a dynamic tool allowing stakeholders as well as managers and owners of the small ports to interact with it, having access to the data concerning their structure(s) and having the possibility to modify them so that they are always updated.

The next chapters report data of the structures recorded so far, including a map showing their location.

In particular, the data hereby presented concern the following topics:

- Dimensional characteristics
- Technical services
- Services to boaters
- Distance from main services and other infrastructures

2. The small ports of Veneto Region

Name of the port	Latitude	Longitude	City
Club Nautico Marina di Brondolo	45,18320962	12,26718209	Chioggia
Mariclea Club	45,54301064	12,75487712	Eraclea Mare
Marina del Cavallino	45,48457	12,58338	Cavallino Treporti
Marina del Sole	45,18127014	12,26926123	Chioggia
Marina di Lio Grando	45,45525462	12,43448529	Cavallino Treporti
Marina di Porto Fossone	45,14319644	12,30799765	Rosolina Mare Rovigo
Marina Fiorita	45,4720751	12,44904567	Cavallino Treporti
Venezia Certosa Marina	45,43448933	12,37371054	Venezia
Marina Santelena	45,42748465	12,36683532	Venezia

Table 1. The small ports of Veneto recorded during the first round of data collection with related coordinates

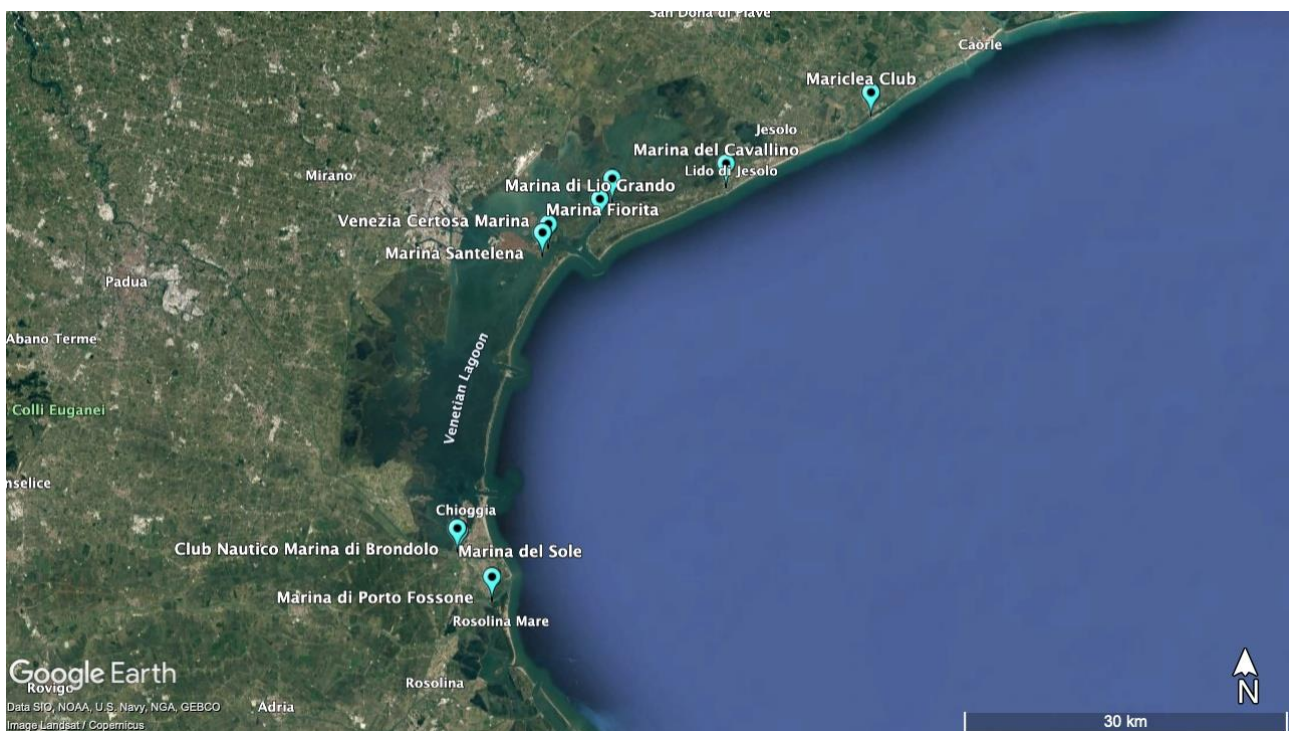


Figure 1. Map of the small ports' location

3. Data collected

3.1 Dimensional characteristics

Name	Nr. of berths 2,5 x 7,0	Nr. of berths 3,0 x 8,5	Nr. of berths 3,5 x 10,0	Nr. of berths 4,0 x 11,5	Nr. of berths 4,5 x 13,0	Nr. of berths 5,5 x 18,0	Nr. of berths 6,0 x 21,0	Nr. of berths 6,5 x 24,0	Nr. of berths 7,0 x 28,0	Nr. of berths 7,5 x 32,0	Nr. of berths 8,0 x 36,0
Club Nautico Marina di Brondolo	58	50	30	30	30	12	0	0	0	0	0
Mariclea Club	94	35	25	17	16	0	0	0	0	0	0
Marina del Cavallino	100	0	100	50	50	0	15	10	0	0	0
Marina del Sole	119	60	50	30	30	3	0	0	0	0	0
Marina di Lio Grando Srl	20	10	10	4	3	2	2	2	2	2	1
Marina di Porto Fossone	35	42	42	10	6	1	0	0	0	0	0
Marina Fiorita	32	26	37	24	13	11	6	6	6	6	5
Venezia Certosa Marina	82	10	12	81	81	32	15	4	13	13	13
Marina Santelena	25	25	40	0	35	33	10	10	11	0	12

Table 2. Number of berths for categorical dimensions. "0" when no moorings are available for that category, "-" missing information

Name	Max draft in meter	Max height boats	Max length boats	Max vessel tonnage	Minimum seabed depth (in meters)	Width of the entrance to the port (in meters)	Total area (m ²)
Club Nautico Marina di Brondolo	2	7	16	20	2	150	200000
Mariclea Club	2,2	4	13,5	-	1,5	3	21200
Marina del Cavallino	3	-	30	100	3	3	70000
Marina del Sole	3	7	18	25	2	5	65000
Marina di Lio Grando Srl	5	-	50	500	1,5	17	21600
Marina di Porto Fossone	1,6	-	16	-	1	1,8	24000
Marina Fiorita	6,5	-	80	1500	2,5	24	54000
Venezia Certosa Marina	7	20	70	1200	2,5	40	44000
Marina Santelena	4,5	500	60	-	2	35	62500

Table 3. Dimensional information to access the small ports. "-" missing information

3.2 Technical services

Name	Lowering and raising the vessel into the sea	Hull washing	Place for temporary storage	Vessel storage space	Boat transfer trailer	Crane/ self-propelled land / lift services	Technical diver service	Fire protection system
Club Nautico Marina di Brondolo	1	1	1	1	1	1	0	1
Mariclea Club	1	1	1	1	0	1	0	1
Marina del Cavallino	1	1	1	1	1	1	0	1
Marina del Sole	1	1	1	1	1	1	1	1
Marina di Lio Grando Srl	1	1	1	1	1	0	0	1
Marina di Porto Fossone	1	1	1	1	1	1	0	0
Marina Fiorita	0	0	0	0	0	0	1	1
Venezia Certosa Marina	1	1	1	1	0	1	0	1
Marina Santelena	0	0	0	0	0	0	1	1

Table 4. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information

Name	Ton's capacity for trailer	Ton's capacity for crane	Shipyards	Mechanical workshops
Club Nautico Marina di Brondolo	20	20	1	1
Mariclea Club	-	30	0	0
Marina del Cavallino	40	70	1	0
Marina del Sole	60	25	1	0
Marina di Lio Grando Srl	10	10	1	1
Marina di Porto Fossone	15	25	1	0
Marina Fiorita	-	-	0	0
Venezia Certosa Marina	-	25	1	0
Marina Santelena	-	-	0	0

Table 5. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information

Name	Ancillary services
Club Nautico Marina di Brondolo	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or store ○ Bodywork ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Resin activities ○ Nautical carpenter
Mariclea Club	-
Marina del Cavallino	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Marina del Sole	<ul style="list-style-type: none"> ○ Bodywork ○ Upholstery activities ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Marina di Lio Grando Srl	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman ○ Nautical carpenter ○ Other
Marina di Porto Fossone	<ul style="list-style-type: none"> ○ Sale of technical products for the boat on a commission basis

Name	Ancillary services
	<ul style="list-style-type: none"> ○ Upholstery activities ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Resin activities ○ Nautical carpenter
Marina Fiorita	-
Venezia Certosa Marina	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging-Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Marina Santelena	-

Table 6. List of ancillary services to shipyard. “-“ missing information

3.3 Services to boaters

a)

Name	Mooring service	Mooring service H 24	Emergency mooring service	Night Watchmen	Do they also perform the mooring service?
Club Nautico Marina di Brondolo	1	0	1	1	0
Mariclea Club	0	0	0	0	
Marina del Cavallino	1	0	1	1	1
Marina del Sole	0	0	1	1	0
Marina di Lio Grandò Srl	1	1	1	1	1
Marina di Porto Fossone	1	0	1	1	1
Marina Fiorita	1	1	1	1	1
Venezia Certosa Marina	1	1	1	1	1
Marina Santelena	1	1	1	1	1

b)

Name	Secretariat service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Club Nautico Marina di Brondolo	1	1	1	1	1	1	0	0

Name	Secretariat service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Mariclea Club	1	0	1	1	0	1	0	0
Marina del Cavallino	1	1	1	1	1	1	1	1
Marina del Sole	1	1	1	1	1	1	0	0
Marina di Lio Grando Srl	1	1	1	1	0	1	1	0
Marina di Porto Fossone	1	1	1	1	0	1	1	0
Marina Fiorita	1	1	1	1	1	1	1	1
Venezia Certosa Marina	1	1	1	0	1	1	1	1
Marina Santelena	1	1	1	0	0	1	1	1

Table 7 a, b. Services provided by small ports to boaters. "1" presence of the service, "0" absence of the service, "-" missing information

3.4 Distance from main services and other infrastructures

a)

Name	Distance (in km) to the railway station	Distance (in km) to the railway stop	Distance (in km) to the airport	Distance (in km) to the bus station	Distance (in km) to the bus stop
Club Nautico Marina di Brondolo	3	3	50	3	0
Mariclea Club	20	20	50	1	0,5
Marina del Cavallino	30	30	50	10	0,5
Marina del Sole	15	15	40	15	5
Marina di Lio Grando Srl	20	20	40	0,5	0,1
Marina di Porto Fossone	10	8	60	2	2
Marina Fiorita	14	14	20	10	10
Venezia Certosa Marina	5,5	5,5	11	5,5	0,1
Marina Santelena	4,6	4,6	11	1	1

b)

Name	Distance (in km) to the tram station	Distance (in km) to the tram stop	Distance (in km) to the highway	Distance (in Km) to the fire brigades	Distance (in km) to the carabinieri	Distance (in km) to the police station
Club Nautico Marina di Brondolo	-	-	40	3	4	4
Mariclea Club	-	-	25	15	6	15
Marina del Cavallino	50	50	30	10	10	10
Marina del Sole	-	-	50	15	15	15

Name	Distance (in km) to the tram station	Distance (in km) to the tram stop	Distance (in km) to the highway	Distance (in Km) to the fire brigades	Distance (in km) to the carabinieri	Distance (in km) to the police station
Marina di Lio Grando Srl	-	-	50	20	2	20
Marina di Porto Fossone	-	-	50	20	10	20
Marina Fiorita	-	-	40	18	2	17
Venezia Certosa Marina	-	5,5	11	4,5	1	0,5
Marina Santelena	-	-	20	5	1	1

c)

Name	Presence of the customs	Distance (in km) from the nearest hospital / emergency center	Time to reach the first emergency center by car	Time to reach the first emergency center by foot	Is there an emergency helicopter medical service?	Are there defibrillators in the port?	Is there a fuel distribution system in the port?
Club Nautico Marina di Brondolo	0	2	4	20	0	0	1
Mariclea Club	0	10	10	30	0	1	0
Marina del Cavallino	0	10	10	10	1	0	1
Marina del Sole	0	15	15	300	0	0	0
Marina di Lio Grando Srl	0	20	5	20	0	0	1
Marina di Porto Fossone	0	18	5	20	0	0	1
Marina Fiorita	0	2	5	2	1	1	0
Venezia Certosa Marina	0	3	5	40	0	1	0
Marina Santelena	0	2	-	20	0	1	0

Table 8 a, b, c. Distances are indicated in number of Kilometers, while services are presented as "1" presence of the service, "0" absence of the service, "-" missing information

The picture that emerges from the survey offers an interesting overview of the dimensional characteristics and services provided by the small ports of the region, as well as their connectivity with the territory. This highlights the existence of a lively and important reality that could be better exploited and promoted to generate a profitable socio-economic interest for the whole area.

Further data on:

- i. *demand and rates* (e.g., percentage of users per age range, users' categorization, vessels and berth usage),
- ii. *ecological services* (e.g., presence of wastewater monitoring system, separate waste collection system, wastewater treatment plant, environmentally friendly tanks for collecting waste oils and wastewater, battery disposal etc..) and
- iii. *services for the territory* (e.g., presence of a tour guide, of touristic information documentation (digital or paper), of half/full-day tourist excursions)

have been also collected for such small ports.

Such data will be available in the FRAMESPORT portal for registered users.