

ICT platform 1st updating report Friuli-Venezia Giulia Region

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1. Introduction

The following pages offer a brief overview of the small ports of the Friuli-Venezia Giulia 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. Crack Boat
2. Lega Navale Italiana
3. Marine International Monfalcone
4. Nautec
5. Ocean Marine Si
6. Darsena Porto Vecchio
7. Marina Punta Faro Resort
8. Marina Punta Verde

These constitute only a part of the small ports present in the Friuli-Venezia Giulia 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 Friuli-Venezia Giulia Region

Name of the port	Latitude	Longitude	City
Crack Boat	45,79561431	13,57110863	Monfalcone
Lega Navale Italiana, Sez. Monfalcone	45,78767534	13,53517473	Monfalcone
Marine International Monfalcone	45,79727966	13,56421807	Monfalcone
Nautec	45,79693333	13,55855226	Monfalcone
Ocean Marine Si	45,79666157	13,56327045	Monfalcone
Darsena Porto Vecchio	45,6954366	13,145048	Lignano Sabbiadoro
Marina Punta Faro Resort	45,69902682	13,14527445	Lignano Sabbiadoro
Marina Punta Verde	45,65732294	13,06622671	Lignano Sabbiadoro

Table 1. The small ports of Friuli-Venezia Giulia recorded during the first round of data collection with related coordinates

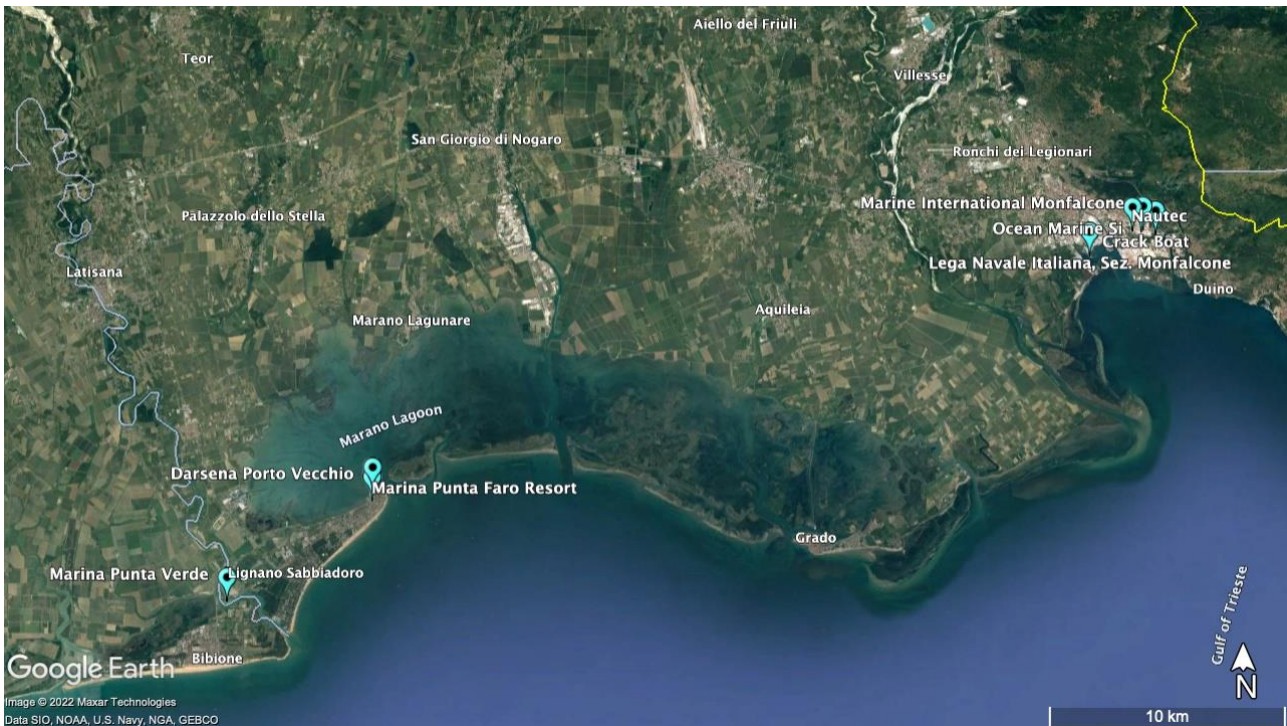


Figure 1. Map of the small ports' location

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
Crack Boat	0	5	0	5	0	0	0	0	0	0	0
Lega Navale Italiana, Sez. Monfalcone	73	72	35	35	50	6	0	0	0	0	0
Marine International Monfalcone	0	0	0	-	11	2	7	2	-	1	0
Nautec	5	0	-	-	-	100	90	0	0	0	0
Ocean Marine Si	5	10	50	40	70	10	2	0	0	0	0
Darsena Porto Vecchio	75	43	71	17	11	-	0	0	0	0	0
Marina Punta Faro Resort	40	100	311	70	275	315	40	21	24	7	2
Marina Punta Verde	98	85	40	20	12	12	0	0	0	0	0

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)
Crack Boat	2,7	1,5	13	16	3	2,5	1600
Lega Navale Italiana, Sez. Monfalcone	8	-	18	-	2	10	25
Marine International Monfalcone	9	-	32	100	2,7	9	6000
Nautec	4	6	20	60	3	6	23000
Ocean Marine Si	8	4	22	48	2,4	3	35000
Darsena Porto Vecchio	1,5	5	16	-	2	-	38250
Marina Punta Faro Resort	3	50	40	-	3	3	-
Marina Punta Verde	2,5	-	20	-	2,5	17	75000

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
Crack Boat	1	1	1	1	1	1	0	1
Lega Navale Italiana, Sez. Monfalcone	1	0	0	0	0	0	0	1
Marine International Monfalcone	0	0	0	0	1	0	0	1
Nautec	1	1	1	1	1	1	0	1
Ocean Marine Si	0	0	0	0	0	0	1	1
Darsena Porto Vecchio	1	1	1	1	0	1	0	1
Marina Punta Faro Resort	1	1	1	1	1	0	0	1
Marina Punta Verde	1	1	1	1	1	1	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	Shipyard	Mechanical workshops
Crack Boat	25	50	1	0
Lega Navale Italiana, Sez. Monfalcone	-	-	0	0
Marine International Monfalcone	16	-	1	0
Nautec	30	60	1	0
Ocean Marine Si	-	-	1	1
Darsena Porto Vecchio	-	20	1	1
Marina Punta Faro Resort	23	80	1	1
Marina Punta Verde	15	20	1	1

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

Name	Ancillary services
Crack Boat	<ul style="list-style-type: none"> ○ Bodywork ○ Electrotechnician ○ Careening activities ○ Resin activities ○ Nautical carpenter
Lega Navale Italiana, Sez. Monfalcone	-
Marine International Monfalcone	<ul style="list-style-type: none"> ○ Bodywork ○ Mechanical workshop ○ Shipmaster ○ Resin activities

Name	Ancillary services
Nautec	<ul style="list-style-type: none"> ○ Bodywork ○ Sailmaking and sail repair ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Resin activities ○ Nautical carpenter
Ocean Marine Si	<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 ○ Careening activities ○ Electronics ○ Resin activities ○ Nautical carpenter
Darsena Porto Vecchio	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Upholstery activities ○ Mechanical workshop ○ Shipmaster ○ Careening activities ○ Warehouseman ○ Other
Marina Punta Faro Resort	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Upholstery activities ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Resin activities ○ Nautical carpenter
Marina Punta Verde	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Resin activities

Name	Ancillary services
	o Nautical carpenter

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?
Crack Boat	1	0	0	0	-
Lega Navale Italiana, Sez. Monfalcone	0	0	0	0	-
Marine International Monfalcone	1	0	0	0	-
Nautec	1	0	1	0	-
Ocean Marine Si	0	0	0	1	0
Darsena Porto Vecchio	0	1	1	1	0
Marina Punta Faro Resort	1	1	1	1	0
Marina Punta Verde	1	1	1	1	1

b)

Name	Secretariat service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Crack Boat	1	1	1	1	1	1	0	0
Lega Navale Italiana, Sez. Monfalcone	1	1	1	1	0	1	0	0
Marine International Monfalcone	1	0	1	1	0	0	0	0
Nautec	1	1	1	1	0	0	0	0
Ocean Marine Si	1	1	1	1	1	1	0	0
Darsena Porto Vecchio	1	1	1	1	0	1	0	0
Marina Punta Faro Resort	1	1	1	1	1	0	1	1
Marina Punta Verde	1	1	1	1	1	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
Crack Boat	4	4	10	4	4
Lega Navale Italiana, Sez. Monfalcone	4	4	5	2	4
Marine International Monfalcone	3	3	5	7	0,5
Nautec	5	5	10	1	1
Ocean Marine Si	4	4	10	-	5
Darsena Porto Vecchio	20	20	-	1	0,5
Marina Punta Faro Resort	20	20	65	1	1
Marina Punta Verde	15	15	55	6	0,5

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
Crack Boat	-	-	5	3	3	3
Lega Navale Italiana, Sez. Monfalcone	-	-	6	3	3	3
Marine International Monfalcone	-	-	1	1	2	1
Nautec	-	-	12	5	5	5
Ocean Marine Si	-	-	3	3	3	3
Darsena Porto Vecchio	-	-	20	-	2	4
Marina Punta Faro Resort	-	-	10	4	3	3
Marina Punta Verde	-	-	20	6	6	6

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?
Crack Boat	0	5	5	15	0	0	0
Lega Navale Italiana,	0	5	5	20	0	1	0

Sez. Monfalcone							
Marine International Monfalcone	0	3	5	15	0	1	0
Nautec	0	5	5	15	0	1	0
Ocean Marine Si	0	5	5	15	0	1	0
Darsena Porto Vecchio	0	2,5	5	20	0	1	1
Marina Punta Faro Resort	0	5	5	30	0	0	1
Marina Punta Verde	0	6	7	40	1	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.