





# "NETWORK OF DANUBE WATERWAY ADMINISTRATIONS" - data & user orientation

SOUTH EAST EUROPE TRANSNATIONAL COOPERATION PROGRAMME

# "ATLAS OF BERTH"

### **ROMANIA**

# RIVER ADMINISRATION OF THE LOWER DANUBE GALATI

### **PILOT SECTOR**

Document ID	0.4.2.1
Activity	Act. 4.2
Author/organisation	Version/date
Teodor TANASESCU - Daniel GROSU / AFDJ	V1 / 30.06.2014
Teodor TANASESCU - Daniel GROSU / AFDJ  Teodor TANASESCU - Daniel GROSU / AFDJ	V1 / 30.06.2014 V2 / 07.11.2014





### **TABLE OF CONTENTS**

	2 1	Explanation	7
2	OVER\	VIEW LIST OF THE BERTHS / MOORING PLACES	Ę
1	SCOPE	E OF DOCUMENT	.4



### **LIST OF ABBREVIATIONS**

ABBR	ABBREVIATION
AoB	Atlas of Berth
ARS	Along River Stretch
IENC	Inland Electronic Navigational Charts



### 1 SCOPE OF DOCUMENT

The "atlas of berths" is a document containing relevant information where a skipper can berth his vessel and what kind of infrastructure is available there. Hence, he will be able to find information such as the coordinates of the berth, the river kilometre, operating hours, the closest port nearby, vessels which are / are not allowed to stay there and provision of electricity, fresh water and waste disposal facilities. Furthermore, a map of the vicinity will be provided as well as a real-life pictures which will serve for orientation.

In some countries national harmonisation efforts might be necessary to collect all the necessary information. The availability of the "atlas of berths" can also be used as a basis for national feasibility concepts regarding the establishment of additional berths. However, these studies will not be part of NEWADA duo.



### 2 OVERVIEW LIST OF THE BERTHS / MOORING PLACES

Backwater			berth/mooring	useable	river	Location	construction	local berth	width of
section (power plant) = name of the river section	From	То	place (name)	length of the berth in meters	bank*1	of the berth*2	of the river bank* <sup>3</sup>	conditions*4	the berthing area on the water*
DANUBE	628.8	629.05	Berth for cereals	200	L	ARS	E	0	50 m
DANUBE	629.05	629.3	Berth for cereals	250	L	ARS	Е	0	40 m
DANUBE	629.4	629.7	Transhipment Berth	300	L	ARS	E	0	35 m
DANUBE	629.7	629.8	Berth for cereals	100	L	ARS	E	0	30 m
DANUBE	678.4	687.4	Heavy equipment Berth	30	L	ARS	QW	0	30 m
DANUBE	678.4	687.6	Berth without transhipment	200	L	ARS	Е	0	50 m
DANUBE	678.6	678.7	Berth without transhipment	100	L	ARS	E	0	50 m
DANUBE	679.0	679.1	Berth without transhipment	100	L	ARS	E	0	50 m
DANUBE	793.9	794.0	Mooring place	80	L	ARS	PO	0	20 m
DANUBE	794.0	794.0	Berth for cereals	50	L	ARS	PO	0	40 m
DANUBE	794.3	794.5	Berth for general cargo	200	L	ARS	QW	0	50 m
DANUBE	794.6	794.7	Mooring place - Pontoon	100	L	ARS	PO	0	50 m

<sup>\*</sup> in meters or max. number of vessels permitted to berth abreast



Backwater	River km		berth/mooring	useable	river	Location	construction	local berth	width of
section	From To		place (name)	length	bank*1	of the	of the river	conditions*4	the
(power				of the		berth*2	bank*3		berthing
plant) =				berth in					area on
name of				meters					the
the river									water*
section									*5
DANUBE	931.0	931.2	Berth for	200	L	ARS	QW	0	45 m
			loading –						
			unloading						
			general cargo						
DANUBE	931.5	931.6	Mooring	100	L	ARS	QW	0	30 m
			place –						
			Shipyard						
DANUBE	932.6	932.9	Berth for	300	L	ARS	QW	0	35 m
			loading –						
			unloading						
			general cargo						
DANUBE	932.8	932.9	Berth for	100	L	ARS	QW	0	20 m
			general cargo						
DANUBE	933.9	934.1	Berth area –	200	L	ARS	QW	0	50 m
			Basin						
			Drobeta Tr.						
			Severin						
			Harbour						
DANUBE	1048.74	1049.0	Berth for	160	L	ARS	QW	0	50 m
			general cargo						
DANUBE	1049.0	1049.3	Berth for	300	L	ARS	QW	0	50 m
			cereals and						
			cargo						

<sup>\*</sup> in meters or max. number of vessels permitted to berth abreast



### 2.1. Explanation

river	L	left river bank
bank*1		
	R	right river bank
	D	at the dam
location*2	DPP	"downstream" side of a power plant
	DL	"downstream" side of a lock (lock entrance area)
	UL	"upstream" side of a lock (lock entrance area)
	UPP	"upstream" side of a power plant
	ARS	along the river stretch

construction (of the river bank)	SPW	sheet pile wall
*3		
	E	embankment
	QW	quay wall
	DA	dam
	DO	dolphins
	NA	natural (wild)
width of the berthing area*5	Χ	maximum number of vessels permitted to berth abreast
local berth conditions*4	0	berthing permitted (i.e. anchoring or making fast to the
(berthing order)		bank)
	1	berthing area reserved for pushing-navigation vessels that
		are required to carry one blue cone
	2	berthing area reserved for pushing-navigation vessels that
		are required to carry two blue cones
	3	berthing area reserved for pushing-navigation vessels that
		are required to carry three blue cones



### **Berth for general cargo**

Danube km: 628.8 - 629.0

**GPS coordinates:**North: 43° 46' 15.51"
East: 24° 31' 34.95"

ber	ths i	nforma	tion		river	bank	cons	struction
_	tion DPP DL UL UPP ARS	left ri right at the "downstr "downstr entrance "upstrear entrance "upstrear along the others (b	m" side of a loc	lock (lock k (lock wer plant	Special	embar quay v dam dolphi ponto	walls ns on al (wild) <b>idths</b> n ns	(slope)
loca	al be	rths co	nditions		conn	ectio	ns	
	ocal berths conditions  0 berthing permitted (i.e. anchoring or making fast to the bank)  1 berthing area reserved for pushing-navigation vessels that are required to carry one blue cone  2 berthing area reserved for pushing-navigation vessels that are required to carry two blue cones  3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones  OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for				⊠ villag ⊠	< 5 kr	n <b>es in t</b>	the surrounding area Corabia he surrounding area Corabia no
faci	litie	S			main	tenai	nce ar	nd disposal facilitie
stair	s to	go ashor	e		electr	icity s	upply	
$\boxtimes$	yes		no			yes	X	no
poss		y to load	and unload c	ars from a	fresh	water yes	supply ⊠	<b>/</b> no
	yes	s 🗵	no			yes dispo		110
light	•				Waste	yes	Sai ⊠	no
	yes	s 🗵	no			yes I <b>static</b>		HU
_	, 00	_				yes	× × × × × × × × × × × × × × × × × × ×	no

safety in case of flood or storm

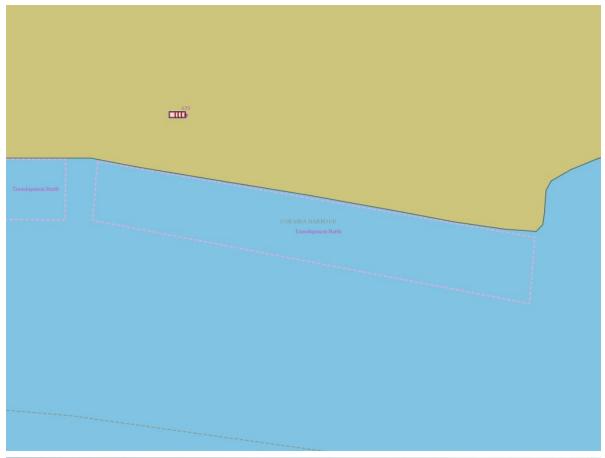
no

□ yes ⊠ □

Parking fees/costs

⊠ yes □ □







AFDJ - RIVER ADMINISTRATION of the LOWER DANUBE



**Danube km:** 629.05 - 629.3

**GPS coordinates:** North: 43° 46' 16.2" East: 24° 31' 24"

Lust. Z i	J1 21				
berths	informa	tion	rive	r bank cons	struction
DL UL UPP ARS	left riveright at the "downstreentrance "upstrear entrance "upstrear along the lothers (b	eam" side of a power plant eam" side of o lock (lock area) n" side of a lock (lock	Speci	sheet pile wa embankmen quay walls dam dolphins pontoon natural (wild men widths 1 beam 2 beams 3 beams 40	t (slope)
local be		nditions	conr	nections	
0 1 2 3 OTH	making far berthing pushing pushing required berthing pushing required other resumotor crandonly for conly for constant pushing pushing required other resumotor crandonly for constant pushing pushing required other resumotor crandonly for constant pushing pushing required pushing required pushing required pushing required pushing required pushing required pushing for constant pushing	permitted (i.e. anchoring or ast to the bank) area reserved for navigation vessels that are to carry one blue cone area reserved for navigation vessels that are to carry two blue cones area reserved for navigation vessels that are to carry three blue cones trictions (only for small afts, only for border control, lamaged vessels after an max. time allowed for))	⊠ villag ⊠	< 5 km	the surrounding area Corabia the surrounding area Corabia no
facilitie					nd disposal facilities
stairs to ⊠ ye	go ashor s □	<b>e</b> no	elect	ricity supply yes ⊠	no
•	ty to load _	and unload cars from a	fresh	water suppl yes 🗵 e disposal	<b>y</b> no
iignting ⊠ ye	s 🗆	no	netro	yes ⊠ ol station	no
_ , , ,	- <b>-</b>	-		yes ⊠	no f <b>lood or storm</b>

yes

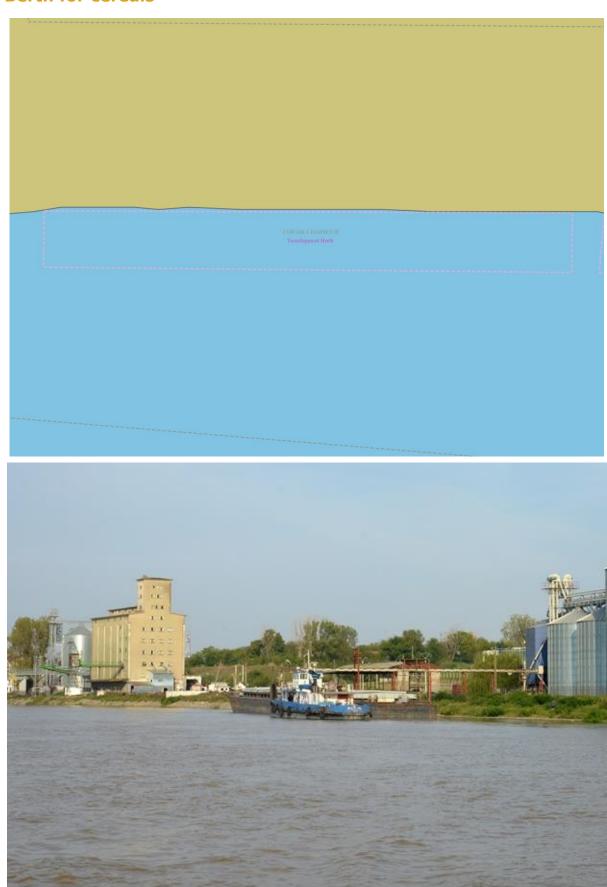
Parking fees/costs

⊠ yes □

 $\times$ 

no





AFDJ - RIVER ADMINISTRATION of the LOWER DANUBE



**Danube km:** 629.4 - 629.7

**GPS coordinates:**North: 43° 46' 15.79"
East: 24° 31' 6.37"

ber	ths i	info	rmat	tion		river	bank cor	struction
length: 300 m river bank  □ L left river bank □ R right river bank □ T at the dam location  □ DPP "downstream" side of a power plant □ DL "downstream" side of o lock (lock entrance area) □ UL "upstream" side of a lock (lock entrance area) □ UPP "upstream" side of a power plant □ ARS along the river strech □ OTH others (before a habour entrance in an old river branch)					o lock (lock ock (lock oower plant		sheet pile wembankmer quay walls dam dolphins pontoon natural (wile) men widths 1 beam 2 beams 3 beams 35	nt (slope) d)
loca	al be	erths	cor	nditions		conn	ections	
	ocal berths conditions  0 berthing permitted (i.e. anchoring or making fast to the bank)  1 berthing area reserved for pushing-navigation vessels that are required to carry one blue cone  2 berthing area reserved for pushing-navigation vessels that are required to carry two blue cones  3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones  OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for					⊠ villag ⊠	< 5 km	n the surrounding area Corabia the surrounding area Corabia no
faci	ilitie	S				mair	itenance a	and disposal facilities
			shore				cicity supply	<b>'</b>
×	ye			no and unload	cars from a	_ froch	yes ⊠ water supp	no Ny
vess		Ly to	ioau	anu umoau	Cars Holli a		yes 🗵	no
$\boxtimes$	ye	s [		no		waste	disposal	
light	_						yes 🗵	no
	ye	s 🛭	≺	no		petro	l station	
						□ safet	yes ⊠ vin case of	no flood or storm
					Saiet	y iii case oi	noou or storill	

yes ⊠

Parking fees/costs

✓ yes □

no

no



# **Transhipment Berth**







**Danube km:** 629.7 - 629.8

**GPS** coordinates: North: 43° 46' 15.54" East: 24° 30' 54.16"

East: 24	30" 54.16"					
berths	information	river bank construction				
DL UL UPF ARS	<b>nk</b> left river bank right river bank at the dam	□ sheet pile wall  □ embankment (slope)  □ quay walls  □ dam  □ dolphins  □ pontoon  □ natural (wild)  specimen widths  □ 1 beam  □ 2 beams  □ 3 beams  □ 30				
local b	erths conditions	connections				
0 1 2 3 OTH	berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	ports/harbours in the surrounding are				
faciliti	es	maintenance and disposal facilit				
stairs to	go ashore	electricity supply				

stairs to go ashore							
$\times$	yes		no				
possil vesse	-	o load	and unload cars from a				
	yes	$\boxtimes$	no				
lightii	ng						
$\times$	yes		no				

### es

			and anopooding					
electricity supply								
X	yes		no					
fresh	fresh water supply							
	yes	$\boxtimes$	no					
wast	e disp	osal						
	yes	X	no					
petro	ol stati	on						
	yes	X	no					
safet	y in ca	ise of	flood or storm					
X	yes		no					
Parking fees/costs								
×	yes		no					









### **Heavy equipment berth**

**Danube km:** 678,4 - 678,4

**GPS coordinates:**North: 43° 44' 54.15"
East: 23° 57' 40.43"

⊠ yes

yes

lighting

X

no

no

berths in	nformation	river bank construction			
DL ' UL ' UPP ' ARS a OTH (		□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	embar quay v dam dolphii pontoo	ns on I (wild) i <b>dths</b> n ns	
local ber	ths conditions	connections			
1   1   1   1   1   1   1   1   1   1	perthing permitted (i.e. anchoring or making fast to the bank) perthing area reserved for pushing-navigation vessels that are required to carry one blue cone perthing area reserved for pushing-navigation vessels that are required to carry two blue cones perthing area reserved for pushing-navigation vessels that are required to carry three blue cones perthing area reserved for pushing-navigation vessels that are required to carry three blue cones pather restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for perthing,)	village  access	< 5 km es, citi < 5 km s road yes	n es in th n	the surrounding area Bechet ne surrounding area Bechet no
facilities		main	tenar	ice an	d disposal facilitie
stairs to g	o ashore	electr	icity sı	upply	
⊠ yes	□ no	$\boxtimes$	yes		no
possibility vessel	to load and unload cars from a	fresh	<b>water</b> yes	supply ⊠	no

⊠ yes □ no

 $\times$ 

safety in case of flood or storm

waste disposal

petrol station

yes

yes

yes

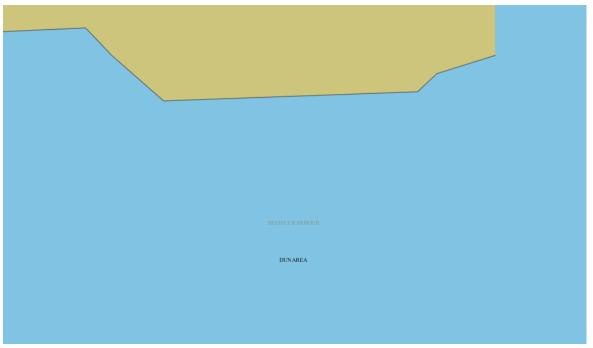
Parking fees/costs

no

no



# **Heavy equipment berth**







**Danube km:** 678.4 - 678.6

**GPS** coordinates: North: 43° 44' 53.82" East: 23° 57' 34.8"

Lust.	. 23	37 31.0					
ber	ths i	nformation	river	bank construction			
_	r ban  L R T tion DPP DL UL UPP ARS	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)	Specin	sheet pile wall embankment (slope) quay walls dam dolphins pontoon natural (wild) men widths 1 beam 2 beams 3 beams 50			
loca	al be	rths conditions	connections				
		berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	⊠ village ⊠	/harbours in the surrounding area < 5 km Bechet es, cities in the surrounding area < 5 km Bechet s road yes □ no			
faci	litie	S	main	maintenance and disposal facilit			
stairs to go ashore			electr	electricity supply			

stairs to go ashore							
X	yes		no				
possil vesse	-	o load	and unload cars from a				
	yes	$\boxtimes$	no				
lightii	ng						
$\boxtimes$	yes		no				

### es

····a	condi	ice ai	ia aisposai it				
electricity supply							
	yes	X	no				
fresh	water	supply	,				
	yes	$\boxtimes$	no				
waste	dispo	sal					
	yes	$\boxtimes$	no				
petro	l statio	n					
	yes	$\boxtimes$	no				
safety	, in cas	e of flo	ood or storm				
	yes	X	no				
Parking fees/costs							
$\boxtimes$	yes		no				









Danube km: 678.6 - 678.7

**GPS** coordinates: North: 43° 44' 53.81" East: 23° 57' 27.26"

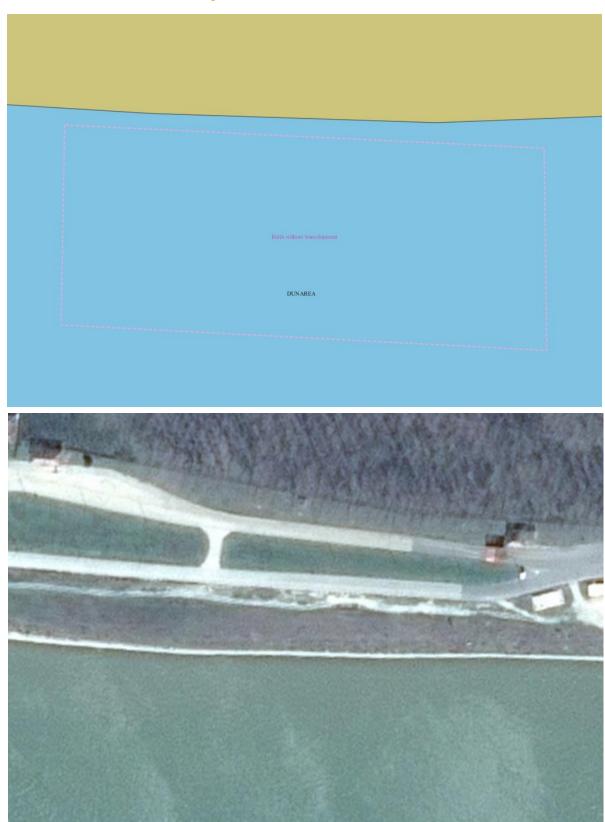
				- 4	a contract of	100	
м			he	Int	orm	211	$\mathbf{n}$
	JC	I U	113		ULLI	au	UII

### river bank construction length: 100 m П sheet pile wall $\times$ embankment (slope) river bank quay walls X L left river bank П dam R right river bank П dolphins Т at the dam pontoon location natural (wild) DPP "downstream" side of a power plant specimen widths DL "downstream" side of o lock (lock 1 beam entrance area) 2 beams UL "upstream" side of a lock (lock 3 beams entrance area) X 50 UPP "upstream" side of a power plant ARS along the river strech OTH others (before a habour entrance in an old river branch) local berths conditions connections berthing permitted (i.e. anchoring or ports/harbours in the surrounding area making fast to the bank) < 5 kmBechet 1 berthing area reserved for villages, cities in the surrounding area pushing-navigation vessels that are < 5 km Bechet required to carry one blue cone access road 2 berthing area reserved for ves no pushing-navigation vessels that are required to carry two blue cones 3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,...)) maintenance and disposal facilities **facilities**

stairs to go ashore							
$\boxtimes$	yes		no				
possi vesse	_	o load	and unload cars from a				
	yes	$\boxtimes$	no				
lighti	ng						
	yes	$\boxtimes$	no				

····	····	ice ai	ia aisposai ii				
electricity supply							
	yes	$\boxtimes$	no				
fresh	water	supply	•				
	yes	X	no				
waste	e dispo	sal					
	yes	$\boxtimes$	no				
petro	l statio	n					
	yes	$\boxtimes$	no				
safety	y in cas	e of flo	ood or storm				
	yes	X	no				
Parki	Parking fees/costs						
$\times$	yes		no				







**Danube km:** 679.0 - 679.1

**GPS** coordinates: North: 43° 44' 54.05" East: 23° 57' 20.77"

ber	ths i	nformation	river	bank construction
rivei	tion DPP DL UL UPP ARS OTH	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)		sheet pile wall embankment (slope) quay walls dam dolphins pontoon natural (wild) men widths 1 beam 2 beams 3 beams 50
loca	al be	rths conditions	conn	ections
	0 1 2 3 OTH	berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	⊠ village ⊠	/harbours in the surrounding area < 5 km Bechet es, cities in the surrounding area < 5 km Bechet s road yes □ no
faci	litie	s	main	tenance and disposal facilitie
stair	s to	go ashore	electr	icity supply
$\boxtimes$	yes			yes 🗵 no
possibility to load and unload cars from a			fresh	water supply

stairs	to go a	ashore		electricity supply				
$\boxtimes$	yes		no		yes	$\boxtimes$	no	
possib	ility to	load a	and unload cars from a	fresh	water	supply		
vessel					yes	$\boxtimes$	no	
	yes	$\times$	no	waste	dispos	sal		
lightin	ıg				yes	$\boxtimes$	no	
	yes	$\boxtimes$	no	petrol	statio	n		
					yes	$\boxtimes$	no	
				safety in case of flood or storm				
					yes	$\boxtimes$	no	
				Parkir	ng fees	/costs		
				$\boxtimes$	yes		no	







AFDJ - RIVER ADMINISTRATION of the LOWER DANUBE



# **Mooring place**

**Danube km:** 793.9 - 794.0

**GPS** coordinates: North: 43° 59' 48.06" East: 22° 55' 27.01"

Lust.	~~	33 27:01				
ber	ths i	nformation	river	bank cons	truction	
_	DPP DL UL UPP ARS		specir	sheet pile wal embankment quay walls dam dolphins pontoon natural (wild) men widths  1 beam 2 beams 3 beams 40	(slope)	
loca	al be	rths conditions	connections			
		berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	village	< 5 km es, cities in ti < 5 km s road yes □	the surrounding area Calafat he surrounding area Calafat no	
faci	litie	s	main	tenance ar	nd disposal faciliti	

stairs to go ashore					
X	yes		no		
possi vesse	-	o load	and unload cars from a		
	yes	$\boxtimes$	no		
lighti	ng				
$\boxtimes$	yes		no		

### es

			and disposal			
elec	tricity s	supply	•			
X	yes		no			
fres	h wateı	supp	ly			
X	yes		no			
was	te disp	osal				
X	yes		no			
petr	ol stati	on				
	yes	$\boxtimes$	no			
safe	ty in ca	se of	flood or storm			
X	yes		no			
Parking fees/costs						
X	yes		no			



# **Mooring place**





AFDJ - RIVER ADMINISTRATION of the LOWER DANUBE



### **Berth for cereals - Pontoon**

**Danube km:** 794 - 794 **GPS** coordinates: North: 43° 59' 51.63" East: 22° 55' 42.78"

							-				- 1		
ш	h		rt	3	าร	13	•		rn	7	•		n
	u	C		ч	113			u			u	w	

Last. 22° 33° 42.76	
berths information	river bank construction
length: 50 m  river bank   □ L left river bank □ R right river bank □ T at the dam  location  □ DPP "downstream" side of a power plant □ DL "downstream" side of o lock (lock entrance area) □ UL "upstream" side of a lock (lock entrance area) □ UPP "upstream" side of a power plant ARS along the river strech □ OTH others (before a habour entrance in an old river branch)	□ sheet pile wall □ embankment (slope) □ quay walls □ dam □ dolphins ☒ pontoon □ natural (wild)  specimen widths □ 1 beam □ 2 beams □ 3 beams ☒ 320
local berths conditions	connections
<ul> <li>berthing permitted (i.e. anchoring or making fast to the bank)</li> <li>berthing area reserved for pushing-navigation vessels that are required to carry one blue cone</li> <li>berthing area reserved for pushing-navigation vessels that are required to carry two blue cones</li> <li>berthing area reserved for pushing-navigation vessels that are required to carry three blue cones</li> <li>OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))</li> </ul>	ports/harbours in the surrounding area  □ < 5 km Calafat □ < 5 km Vidin  villages, cities in the surrounding area □ < 5 km Calafat □ < 5 km Vidin  access road □ yes □ no
facilities	maintenance and disposal faciliti

stair	stairs to go ashore					
X	yes		no			
poss vess	-	to loa	d and ur	nload cars from a		
	yes	X	no			
light	ing					
X	yes		no			

### es

ma	iiicciia	iiicc i	ilia alsposa				
elec	tricity s	supply	•				
X	yes		no				
fres	h wateı	r supp	ly				
X	yes		no				
waste disposal							
X	yes		no				
petr	ol stati	on					
	yes	X	no				
safe	ty in ca	ise of	flood or storn	1			
X	yes		no				
Park	Parking fees/costs						
X	yes		no				



### **Berth for cereals - Pontoon**







### **Berth for general cargo**

**Danube km:** 794.3 - 794.5

**GPS** coordinates: North: 43° 59' 51.95" East: 22° 55' 46.17"

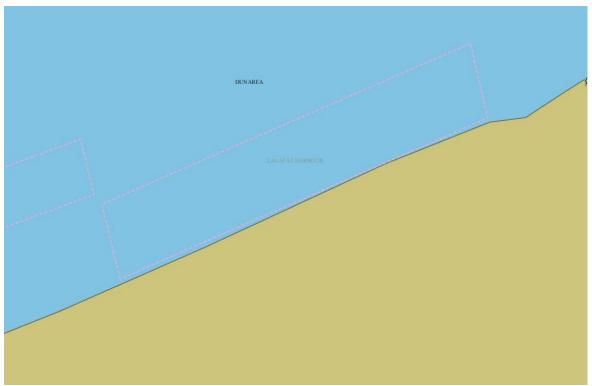
berths information			river	bank const	truction
rivei	tion DPP DL UL UPP ARS OTH	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)	Specir	sheet pile wall embankment ( quay walls dam dolphins pontoon natural (wild) men widths 1 beam 2 beams 3 beams 50	
loca	al be	rths conditions	conn	ections	
	0 1 2 3 OTH	berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	⊠ village ⊠	< 5 km es, cities in th	the surrounding area Calafat te surrounding area Calafat no
faci	litie	S	main	tenance an	d disposal faciliti

stairs to go ashore						
X	yes		no			
possil vesse	_	o load	and unload cars from a			
$\boxtimes$	yes		no			
lightir	ng					
$\boxtimes$	yes		no			

elec	tricity s	supply	•					
X	yes		no					
fres	h wateı	r supp	ly					
X	yes		no					
was	te disp	osal						
X	yes		no					
petr	ol stati	on						
	yes	X	no					
safe	ty in ca	ise of	flood or storn	1				
X	yes		no					
Park	Parking fees/costs							
X	yes		no					



# **Berth for general cargo**





AFDJ - RIVER ADMINISTRATION of the LOWER DANUBE



### **Mooring place - PONTOON**

**Danube km:** 794.6 - 794.7

**GPS** coordinates: North: 43° 59' 54.46" East: 22° 55' 51.16"

ber	ths i	nformation	river	bank construction
	t ban  R T tion DPP DL UL UPP ARS	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	sheet pile wall embankment (slope) quay walls dam dolphins pontoon natural (wild) men widths 1 beam 2 beams 3 beams 50
loca	al be	rths conditions	conn	ections
	0 1 2 3 OTH	berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	X	/harbours in the surrounding area < 5 km Calafat es, cities in the surrounding area < 5 km Calafat s road yes □ no
faci	litie	s	main	tenance and disposal faciliti

stairs to go ashore					
$\times$	yes		no		
possi vesse	_	to loa	d and u	nload cars from	а
	yes	X	no		
lighti	ng				
$\times$	yes		no		

electr	icity su	pply				
$\boxtimes$	yes		no			
fresh	water s	supply				
$\boxtimes$	yes		no			
waste	dispos	sal				
$\boxtimes$	yes		no			
petrol	statio	n				
	yes	X	no			
safety	in cas	e of flo	ood or storm			
X	yes		no			
Parking fees/costs						
X	yes		no			



# **Mooring place - PONTOON**







### "Berth for loading - unloading general cargo"

Danube km: 931.0 - 931.2 **GPS** coordinates: North: 44° 37' 11.88" East: 22° 39' 1.71" berths information river bank construction length: 200 m sheet pile wall П embankment (slope) river bank  $\times$ quay walls X L left river bank П dam R right river bank П dolphins at the dam Т pontoon location natural (wild) DPP "downstream" side of a power plant specimen widths DL "downstream" side of o lock (lock 1 beam entrance area) 2 beams "upstream" side of a lock (lock UL 3 beams entrance area) X 45 UPP "upstream" side of a power plant ARS along the river strech OTH others (before a habour entrance in an old river branch) local berths conditions connections berthing permitted (i.e. anchoring or ports/harbours in the surrounding area making fast to the bank) < 5 kmDrobeta Tr. Severin 1 berthing area reserved for villages, cities in the surrounding area pushing-navigation vessels that are < 5 kmDrobeta Tr. Severin required to carry one blue cone access road 2 berthing area reserved for yes no pushing-navigation vessels that are required to carry two blue cones 3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,...)) **facilities** maintenance and disposal facilities electricity supply stairs to go ashore yes no  $\times$ yes no possibility to load and unload cars from a fresh water supply vessel yes nο yes no waste disposal lighting X yes nο X yes no petrol station X П ves no safety in case of flood or storm

ves

Parking fees/costs

✓ yes □

no

no



# "Berth for loading - unloading general cargo"







# "Mooring place - Naval Shipyard"

**Danube km:** 931.5 - 931.6

**GPS** coordinates: North: 44° 37' 8.88" East: 22° 38' 38.62"

Lasi	. 22	36 36.02				
ber	ths i	information	river	bank c	onstru	ıction
_	r ban L R T tion DPP DL UL UPP ARS	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)		sheet pile embankr quay wal dam dolphins pontoon natural ( men widt 1 beam 2 beams 3 beams 30	nent (slo ls wild)	ope)
loca	al be	erths conditions	conn	ections		
	0 1 2 3 OTH	berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	⊠ <b>village</b> none	< 5 km	Dro in the s	surrounding area obeta Tr. Severin surrounding area
faci	ilitie	<b>S</b>	main	tenanc	e and	disposal facilit

### racilities

stairs to go ashore					
$\boxtimes$	yes		no		
possibility to load and unload cars from a vessel					
	yes	$\boxtimes$	no		
lightir	ng				
$\boxtimes$	yes		no		

electricity supply							
$\boxtimes$	yes		no				
fresl	fresh water supply						
$\times$	yes		no				
waste disposal							
$\times$	yes		no				
petr	ol stati	on					
	yes	X	no				
safety in case of flood or storm							
X	yes		no				
Park	ing fee	s/cos	sts				
	yes	$\times$	no				



# "Mooring place - Naval Shipyard"







### "Berth for loading - unloading general cargo"

Danube km: 932.6 - 932.9 **GPS** coordinates: North: 44° 37' 3" East: 22° 37' 46.73" berths information river bank construction length: 300 m sheet pile wall П embankment (slope) river bank  $\times$ quay walls X L left river bank П dam R right river bank П dolphins at the dam Т pontoon location natural (wild) DPP "downstream" side of a power plant specimen widths DL "downstream" side of o lock (lock 1 beam entrance area) 2 beams "upstream" side of a lock (lock UL 3 beams entrance area) X 35 UPP "upstream" side of a power plant ARS along the river strech OTH others (before a habour entrance in an old river branch) local berths conditions connections berthing permitted (i.e. anchoring or ports/harbours in the surrounding area making fast to the bank) < 5 kmDrobeta Tr. Severin 1 berthing area reserved for villages, cities in the surrounding area pushing-navigation vessels that are none required to carry one blue cone access road 2 berthing area reserved for ves no pushing-navigation vessels that are required to carry two blue cones 3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,...)) **facilities** maintenance and disposal facilities electricity supply stairs to go ashore yes no  $\times$ yes no possibility to load and unload cars from a fresh water supply vessel yes nο yes no waste disposal lighting X yes nο X yes no petrol station X П ves no safety in case of flood or storm ves no

Parking fees/costs ves

no



# "Berth for loading - unloading general cargo"







### **Berth for general cargo**

**Danube km:** 932.8 - 932.9

**GPS** coordinates: North: 44° 37' 4.2" East: 22° 37' 38.96"

Lust		37 30.30			
ber	ths i	nformation	river	bank cons	truction
_	r ban  L R T tion DPP DL UL UPP ARS	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)	Specir	sheet pile wal embankment quay walls dam dolphins pontoon natural (wild) men widths 1 beam 2 beams 3 beams 20	
loca	al be	rths conditions	conn	ections	
		berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	⊠ village ⊠ access ⊠	< 5 km < 5 km es, cities in th < 5 km s road yes □	the surrounding area Drobeta Tr. Severin  ne surrounding area Drobeta Tr. Severin  no
faci	litie	S	main	tenance an	d disposal facilit

stairs to go ashore						
	yes	$\times$	no			
possi vesse	-	o load	and unload cars	from a		
$\boxtimes$	yes		no			
lighti	ng					
$\boxtimes$	yes		no			

### ies

mai	IICCIIG	iiicc i	and disposal la				
elect	electricity supply						
X	yes		no				
frest	n wate	r supp	ly				
	yes	$\boxtimes$	no				
wast	e disp	osal					
$\times$	yes		no				
petro	ol stati	on					
	yes	$\times$	no				
safety in case of flood or storm							
X	yes		no				
Parking fees/costs							
$\times$	yes		no				



# **Berth for general cargo**







### Berths area Basin Drobeta Tr. Severin Harbour

Danube km: 933.9 - 934.1 **GPS** coordinates: North: 44° 37' 17.46" East: 22° 36' 48.55" berths information river bank construction length: 200 m sheet pile wall П embankment (slope) river bank  $\times$ quay walls X L left river bank П dam R right river bank П dolphins at the dam Т pontoon location natural (wild) DPP "downstream" side of a power plant specimen widths DL "downstream" side of o lock (lock 1 beam entrance area) 2 beams "upstream" side of a lock (lock UL 3 beams entrance area) X 50 UPP "upstream" side of a power plant ARS along the river strech OTH others (before a habour entrance in an old river branch) local berths conditions connections berthing permitted (i.e. anchoring or ports/harbours in the surrounding area making fast to the bank) Drobeta Tr. Severin < 5 km1 berthing area reserved for villages, cities in the surrounding area pushing-navigation vessels that are none required to carry one blue cone access road 2 berthing area reserved for yes no pushing-navigation vessels that are required to carry two blue cones 3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,...)) **facilities** maintenance and disposal facilities electricity supply stairs to go ashore yes no  $\times$ ves no possibility to load and unload cars from a fresh water supply vessel yes nο yes no waste disposal lighting X yes nο X yes no petrol station X ves no safety in case of flood or storm

ves

Parking fees/costs

✓ yes □

no

no



### **Berths area Basin Drobeta Tr. Severin Harbour**







### **Berth for general cargo**

**Danube km:** 1048.74 - 1049.0

**GPS** coordinates: North: 44° 43' 25.02" East: 21° 36' 54.31"

ber	ths i	nformation	river	bank const	ruction
_	tion DPP DL UL UPP ARS	left river bank right river bank at the dam  "downstream" side of a power plant "downstream" side of o lock (lock entrance area) "upstream" side of a lock (lock entrance area) "upstream" side of a power plant along the river strech others (before a habour entrance in an old river branch)	Specin	sheet pile wall embankment (quay walls dam dolphins pontoon natural (wild) men widths  1 beam 2 beams 3 beams 50	
loca	al be	rths conditions	conn	ections	
		berthing permitted (i.e. anchoring or making fast to the bank) berthing area reserved for pushing-navigation vessels that are required to carry one blue cone berthing area reserved for pushing-navigation vessels that are required to carry two blue cones berthing area reserved for pushing-navigation vessels that are required to carry three blue cones other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,))	village access	< 5 km es, cities in th < 5 km s road yes □	he surrounding area Moldova Veche e surrounding area Moldova Veche no
facilities			main	tenance an	d disposal faciliti

stairs to go ashore						
$\boxtimes$	yes		no			
possi vesse	-	to load	l and unload cars from a			
$\times$	yes		no			
lighti	ng					
X	yes		no			

			•		
elec	tricity s	supply	•		
X	yes		no		
fres	h wateı	r supp	ly		
X	yes		no		
was	te disp	osal			
X	yes		no		
petr	ol stati	on			
	yes	X	no		
safety in case of flood or storm					
X	yes		no		
Park	cing fee	s/cos	ts		
X	yes		no		



# **Berth for general cargo**







### Berth for general cargo and cereals

Danube km: 1049.0 - 1049.3

**GPS** coordinates: North: 44° 43' 34.28" East: 21° 36' 53.76"

				- 4	a contract of	100	
м			he	Int	orm	211	$\mathbf{n}$
	JC	I U	113		ULLI	au	UII

### river bank construction length: 300 m sheet pile wall П embankment (slope) river bank $\times$ quay walls X L left river bank П dam R right river bank П dolphins Т at the dam pontoon location natural (wild) DPP "downstream" side of a power plant specimen widths DL "downstream" side of o lock (lock 1 beam entrance area) 2 beams "upstream" side of a lock (lock UL 3 beams entrance area) X 50 UPP "upstream" side of a power plant ARS along the river strech OTH others (before a habour entrance in an old river branch) local berths conditions connections berthing permitted (i.e. anchoring or ports/harbours in the surrounding area making fast to the bank) Moldova Veche < 5 km1 berthing area reserved for villages, cities in the surrounding area pushing-navigation vessels that are < 5 km Moldova Veche required to carry one blue cone access road 2 berthing area reserved for ves no pushing-navigation vessels that are required to carry two blue cones 3 berthing area reserved for pushing-navigation vessels that are required to carry three blue cones OTH other restrictions (only for small motor crafts, only for border control, only for damaged vessels after an accident, max. time allowed for berthing,...))

### **facilities**

stairs to go ashore						
	_					
X	yes	Ш	no			
possi	bility	to load	d and un	load car	s from a	
vesse	el					
$\times$	yes		no			
lighti	lighting					
$\boxtimes$	yes		no			

### maintenance and disposal facilities

mam	icciiai	icc ai	ia aisposai i		
electr	icity s	upply			
X	yes		no		
fresh	water	supply			
$\boxtimes$	yes		no		
waste	e dispo	sal			
$\boxtimes$	yes		no		
petro	l statio	n			
	yes	$\boxtimes$	no		
safety in case of flood or storm					
$\boxtimes$	yes		no		
Parking fees/costs					
X	yes		no		



# **Berth for general cargo and cereals**







end of document