

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km		Meters	Feet	
585.0	<b>SANTA FE PORT:</b>	<b>6.29</b>	<b>20' 07"</b>	<b>FW</b>
533.0	<b>DIAMANTE PORT:</b>	<b>7.45</b>	<b>24' 05"</b>	<b>FW</b>
<b>SAN LORENZO PORT:</b>				
464.3	Renova North:	10.48	34' 04"	FW
464.0	Renova South:	10.48	34' 04"	FW
463.0	LDC Timbues:	10.48	34' 04"	FW
462.2	Cofco Timbues North:	10.48	34' 04"	FW
462.0	Cofco Timbues South:	10.48	34' 04"	FW
461.2	ACA Timbues:	10.48	34' 04"	FW
460.5	AGD Timbues:	10.48	34' 04"	FW
458.2	Profertil:	10.48	34' 04"	FW
457.0	Minera Alumbrera:	10.48	34' 04"	FW
456.0	Terminal 6 North:	10.48	34' 04"	FW
455.5	Terminal 6 South:	10.48	34' 04"	FW
454.8	Arauco:	10.48	34' 04"	FW
454.8	Quebracho:	10.48	34' 04"	FW
<b>452.8</b>	<b>TFA:</b> (Alongside Berth)	<b>10.47</b>	<b>34' 04"</b>	<b>FW</b>
<b>451.5</b>	<b>Pampa Energia:</b>			
	* Berthing:	<b>9.47</b>	<b>31' 00"</b>	<b>FW</b>
	* Sailing upstream without LOA restriction:	<b>4.77</b>	<b>15' 07"</b>	<b>FW</b>
<b>451.5</b>	<b>Cofco PGSM North:</b> (Access Channel)			
	* Sailing downstream - 2 Tugs:	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
	* Sailing upstream - No Tug:	<b>4.47</b>	<b>14' 07"</b>	<b>FW</b>
451.3	Cofco PGSM South: (Assisted by 1 Tug) (*)	10.48	34' 04"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)	10.48	34' 04"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)	10.48	34' 04"	FW
448.2	Dempa: (Assisted by 1 Tug) (*)	10.48	34' 04"	FW
	(*) Remarks for Tugboat assistance:			
	- LOA up to 160.00 mts: No Tug.			
	- LOA from 160.01 mts to 230.00 mts: 1 Tug.			
	- LOA from 230.00 mts: 2 Tugs.			
<b>448.0</b>	<b>YPF Chacabuco:</b>			
	* Forward berth-side draft:	<b>9.07</b>	<b>29' 09"</b>	<b>FW</b>
	* Astern berth-side draft:	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
	- LOA up to 185.00 mts max.			
446.7	YPF Fluvial Plant:	10.48	34' 04"	FW
446.5	ACA:	10.48	34' 04"	FW
442.8	Nouryon:	10.48	34' 04"	FW
442.0	Vicentin:	10.48	34' 04"	FW
441.5	San Benito:	10.48	34' 04"	FW
<b>ROSARIO PORT:</b>				
<b>417.5</b>	<b>TPR G. B-C Berth:</b> (Alongside Berth/UKC no:	<b>8.84</b>	<b>29' 00"</b>	<b>FW</b>
416.5	TPR (Open berths):	10.48	34' 04"	FW
415.2	Unidad VI:	10.48	34' 04"	FW
414.8	Unidad VII:	10.48	34' 04"	FW
<b>408.0</b>	<b>Cargill VGG:</b> (Must turn in km 410)			
	* Berthing/Unberthing w/o tugboat: (As per CG regulations)	<b>9.66</b>	<b>31' 08"</b>	<b>FW</b>
	* Berthing/Unberthing assisted by one tugboat: (As per CG regulations)	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
	* Berthing/Unberthing assisted by two tugboats: (As per CG regulations)	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
<b>406.5</b>	<b>Cargill Punta Alvear:</b>			
	* Berthing: (As per CG regulations)	<b>10.46</b>	<b>34' 03"</b>	<b>FW</b>
	* Sailing: (As per CG regulations)	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
	* Assisted by tugboats: (As per CG regulations)	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
396.0	LDC Dry Lagos: (Assisted by 1 Tug) (**)	10.48	34' 04"	FW
395.9	LDC Liquid Lagos: (***)	10.48	34' 04"	FW
395.5	ADM Agro Arroyo Seco: (***)	10.48	34' 04"	FW
	(**) 1 Tugboat for Berthing / Unberthing.			
	(***) 1 Tugboat for Unberthing as long northern berth is occupied.			
<b>VILLA CONSTITUCION PORT:</b>				
<b>368.0</b>	<b>Servicios Portuarios - Elevator:</b> (Access Channel)	<b>8.90</b>	<b>29' 02"</b>	<b>FW</b>
<b>365.0</b>	<b>Acindar Comercial:</b> (Alongside Berth)	<b>9.90</b>	<b>32' 05"</b>	<b>FW</b>
364.0	Acindar Mineral:	10.48	34' 04"	FW
<b>357.8</b>	<b>Yaguaron</b> <<<<	<b>10.48</b>	<b>34' 04"</b>	<b>FW</b>
<b>SAN NICOLAS PORT:</b>				
348.5	Puerto Nuevo (North/Center/South): (Access Channel)	10.90	35' 09"	FW
348.4	Elevator: (Alongside Berth)	10.90	35' 09"	FW
348.1	Central Termica (AES): (Alongside Berth)	10.90	35' 09"	FW
346.0	Siderar Comercial:	10.90	35' 09"	FW
345.9	Siderar Raw Material:	10.90	35' 09"	FW
<b>RAMALLO PORT:</b>				
331.2	Bunge Fertilizers: (Access Channel)	10.90	35' 09"	FW
330.4	Bunge Elevator: (Access Channel)	10.90	35' 09"	FW
329.5	X-Storage:	10.90	35' 09"	FW
<b>308.5</b>	<b>Entre Paso Los Ratones / Arriba Obligado</b> <<<<	<b>10.90</b>	<b>35' 09"</b>	<b>FW</b>
<b>277.0</b>	<b>SAN PEDRO PORT:</b> (Access Channel) Draft is indicative for 0800 hrs. Same changes every two hours.	<b>10.75</b>	<b>35' 03"</b>	<b>FW</b>
<b>222.0</b>	<b>DEL GUAZU PORT:</b> Draft is indicative for 0900 hrs. Same changes hourly by RP Tides.	<b>10.50</b>	<b>34' 05"</b>	<b>FW</b>
* PARANA RIVER PORTS FW STD DENSITY IS 0.998				
<b>NECOCHEA:</b>				
	<b>BAHIA BLANCA:</b>	13.50	44' 03"	BW
	(*) Except for Galvan Omhsa 2/3 berth which max sailing draft is 12.80m SW	13.72	45' 00"	SW
	(*) Except for Galvan TBB 5 berth which max arrival draft is 10.67m SW			
* ALL VALUES WITH UKC DEDUCTED				