

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km		Meters	Feet	
585.0	<b>SANTA FE PORT:</b>	<b>6,76</b>	<b>22' 02"</b>	<b>FW</b>
533.0	<b>DIAMANTE PORT:</b>	<b>28,05</b>	<b>92' 00"</b>	<b>FW</b>
<b>SAN LORENZO PORT:</b>				
464.3	Renova North:	10,64	34' 10"	FW
464.0	Renova South:	10,64	34' 10"	FW
463.0	LDC Timbues:	10,64	34' 10"	FW
462.2	Cofco Timbues North:	10,64	34' 10"	FW
462.0	Cofco Timbues South:	10,64	34' 10"	FW
461.2	ACA Timbues:	10,64	34' 10"	FW
460.5	AGD Timbues:	10,64	34' 10"	FW
458.2	Profertil:	10,64	34' 10"	FW
457.0	Minera Alumbrera:	10,64	34' 10"	FW
456.0	Terminal 6 North:	10,64	34' 10"	FW
455.5	Terminal 6 South:	10,64	34' 10"	FW
454.8	Arauco:	10,64	34' 10"	FW
454.8	Quebracho:	10,64	34' 10"	FW
<b>452.8</b>	<b>TFA:</b> (Alongside Berth)	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>451.5</b>	<b>Pampa Energia:</b>			
	* Berthing:	<b>9,92</b>	<b>32' 06"</b>	<b>FW</b>
	* Sailing upstream without LOA restriction:	<b>5,22</b>	<b>17' 01"</b>	<b>FW</b>
<b>451.5</b>	<b>Cofco PGSM North:</b> (Access Channel)			
	* Sailing downstream - 2 Tugs:	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
	* Sailing upstream - No Tug:	<b>4,92</b>	<b>16' 01"</b>	<b>FW</b>
451.3	Cofco PGSM South: (Assisted by 1 Tug) (*)	10,64	34' 10"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)	10,64	34' 10"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)	10,64	34' 10"	FW
448.2	Dempa: (Assisted by 1 Tug) (*)	10,64	34' 10"	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>9,52</b>	<b>31' 02"</b>	<b>FW</b>
	* Astern berth-side draft:	<b>10,02</b>	<b>32' 10"</b>	<b>FW</b>
	- LOA up to 185,00 mts max.			
446.7	YPF Fluvial Plant:	10,64	34' 10"	FW
446.5	ACA:	10,64	34' 10"	FW
442.8	Nouryon:	10,64	34' 10"	FW
442.0	Vicentin:	10,64	34' 10"	FW
441.5	San Benito:	10,64	34' 10"	FW
<b>ROSARIO PORT:</b>				
<b>417.5</b>	<b>TPR G. B-C Berth:</b> (Alongside Berth/UKC no)	<b>9,21</b>	<b>30' 02"</b>	<b>FW</b>
416.5	TPR (Open berths):	10,64	34' 10"	FW
415.2	Unidad VI:	10,64	34' 10"	FW
414.8	Unidad VII:	10,64	34' 10"	FW
<b>408.0</b>	<b>Cargill VGG:</b> (Must turn in km 410)			
	* Berthing/Unberthing w/o tugboat:	<b>9,89</b>	<b>32' 05"</b>	<b>FW</b>
	* Berthing/Unberthing assisted by one tugboat: (As per CG regulations)	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
	* Berthing/Unberthing assisted by two tugboats: (As per CG regulations)	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>406.5</b>	<b>Cargill Punta Alvear:</b>			
	* Berthing: (As per CG regulations)	<b>10,29</b>	<b>33' 09"</b>	<b>FW</b>
	* Sailing: (As per CG regulations)	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>396.0</b>	<b>LDC Dry Lagos: (Assisted by 1 Tug) (**)</b>	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>395.9</b>	<b>LDC Liquid Lagos: (***)</b>	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>395.5</b>	<b>ADM Agro Arroyo Seco: (***)</b>	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
	(**) 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>9,18</b>	<b>30' 01"</b>	<b>FW</b>
<b>365.0</b>	<b>Acindar Comercial:</b> (Alongside Berth)	<b>10,18</b>	<b>33' 04"</b>	<b>FW</b>
364.0	Acindar Mineral:	10,64	34' 10"	FW
<b>352.3</b>	<b>Yaguaron</b> <<<<	<b>10,64</b>	<b>34' 10"</b>	<b>FW</b>
<b>SAN NICOLAS PORT:</b>				
348.5	Puerto Nuevo (North/Center/South): (Access Channel)	10,94	35' 10"	FW
348.4	Elevator: (Alongside Berth)	10,94	35' 10"	FW
348.1	Central Termica (AES): (Alongside Berth)	10,94	35' 10"	FW
346.0	Siderar Commercial:	10,94	35' 10"	FW
345.9	Siderar Raw Material:	10,94	35' 10"	FW
<b>RAMALLO PORT:</b>				
331.2	Bunge Fertilizers: (Access Channel)	10,94	35' 10"	FW
330.4	Bunge Elevator: (Access Channel)	10,94	35' 10"	FW
329.5	X-Storage:	10,94	35' 10"	FW
<b>308,4</b>	<b>Entre Paso Los Ratones / Arriba Obligado</b> <<<<	<b>10,94</b>	<b>35' 10"</b>	<b>FW</b>
<b>277,0</b>	<b>SAN PEDRO PORT:</b> (Access Channel)	<b>10,95</b>	<b>35' 11"</b>	<b>FW</b>
	Draft is indicative for 0800 hrs. Same changes every two hours.			
<b>222,0</b>	<b>DEL GUAZU PORT:</b>	<b>10,50</b>	<b>34' 05"</b>	<b>FW</b>
	Draft is indicative for 0900 hrs. Same changes hourly by RP Tides.			
* PARANA RIVER PORTS FW STD DENSITY IS 0.998				
	<b>NECOCHEA:</b>	13,50	44' 03"	BW
	<b>BAHIA BLANCA:</b>	13,72	45' 00"	SW
	(*) Except for Galvan Omhsa 2/3 berth which max sailing draft is 12,80m SW			
	(*) Except for Galvan TBB 5 berth which max arrival draft is 10,67m SW			
* ALL VALUES WITH UKC DEDUCTED				