



**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km		Meters	Feet	
585.0	<b>SANTA FE PORT:</b>	<b>5.42</b>	<b>17' 09"</b>	<b>FW</b>
533.0	<b>DIAMANTE PORT:</b>	<b>6.45</b>	<b>21' 01"</b>	<b>FW</b>
<b>SAN LORENZO PORT:</b>				
464.3	Renova North:	9.49	31' 01"	FW
464.0	Renova South:	9.49	31' 01"	FW
463.0	LDC Timbues:	9.49	31' 01"	FW
462.2	Cofco Timbues North:	9.49	31' 01"	FW
462.0	Cofco Timbues South:	9.49	31' 01"	FW
461.2	ACA Timbues:	9.49	31' 01"	FW
460.5	AGD Timbues:	9.49	31' 01"	FW
458.2	Profertil:	9.49	31' 01"	FW
457.0	Minera Alumbra:	9.49	31' 01"	FW
456.0	Terminal 6 North:	9.49	31' 01"	FW
455.5	Terminal 6 South:	9.49	31' 01"	FW
454.8	Arauco:	9.49	31' 01"	FW
454.0	Quebracho:	9.49	31' 01"	FW
452.8	<b>TFA:</b>	(Alongside Berth)	<b>8.63</b>	<b>28' 03"</b> <b>FW</b>
451.5	<b>Pampa Energia:</b>			
	* Berthing:		<b>8.83</b>	<b>28' 11"</b> <b>FW</b>
	* Sailing upstream without LOA restriction:		<b>3.33</b>	<b>10' 11"</b> <b>FW</b>
451.3	Cofco PGSM North:	(Access Channel)		
	* Sailing downstream - 2 Tugs:	9.49	31' 01"	FW
	* Sailing upstream - No Tug:		<b>4.13</b>	<b>13' 06"</b> <b>FW</b>
451.0	Cofco PGSM South: (Assisted by 1 Tug) (*)	9.49	31' 01"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)	9.49	31' 01"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)	9.49	31' 01"	FW
448.3	Dempa: (Assisted by 1 Tug) (*)	9.49	31' 01"	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.			
448.3	<b>YPF Chacabuco:</b>			
	* Forward berth-side draft:	<b>7.93</b>	<b>26' 00"</b>	<b>FW</b>
	* Astern berth-side draft:	<b>8.43</b>	<b>27' 07"</b>	<b>FW</b>
	- LOA up to 185.00 mts max.			
446.7	YPF Fluvial Plant:	9.49	31' 01"	FW
446.5	ACA:	9.49	31' 01"	FW
442.8	Nouryon:	9.49	31' 01"	FW
442.0	Vicentin:	9.49	31' 01"	FW
441.5	San Benito:	9.49	31' 01"	FW
<b>ROSARIO PORT:</b>				
417.5	<b>TPR G. B-C Berth:</b>	(Alongside Berth/UKC no!)	<b>7.74</b>	<b>25' 04"</b> <b>FW</b>
416.5	TPR (Open berths):	9.49	31' 01"	FW
415.2	Unidad VI:	9.49	31' 01"	FW
414.8	Unidad VII:	9.49	31' 01"	FW
408.0	Cargill VGG:	9.49	31' 01"	FW
406.5	Cargill Punta Alvear:	9.49	31' 01"	FW
396.0	<b>LDC Dry Lagos: (Assisted by 1 Tug) (**)</b>	<b>9.49</b>	<b>31' 01"</b>	<b>FW</b>
395.9	<b>LDC Liquid Lagos: (***)</b>	<b>9.49</b>	<b>31' 01"</b>	<b>FW</b>
395.5	ADM Agro Arroyo Seco: (***)	9.49	31' 01"	FW
	(**) 1 Tugboat for Berthing / Unberthing.			
	(***) 1 Tugboat for Unberthing as long northern berth is occupied.			
<b>VILLA CONSTITUCION PORT:</b>				
368.0	<b>Servicios Portuarios - Elevator:</b>	(Access Channel)	<b>7.87</b>	<b>25' 09"</b> <b>FW</b>
365.0	<b>Acindar Comercial:</b>	(Alongside Berth)	<b>8.87</b>	<b>29' 01"</b> <b>FW</b>
364.0	Acindar Mineral:	9.49	31' 01"	FW
<b>SAN NICOLAS PORT:</b>				
348.5	Puerto Nuevo (North/Center/South):	9.49	31' 01"	FW
348.4	Elevator:	9.49	31' 01"	FW
348.1	Central Termica (AES):	9.49	31' 01"	FW
346.0	Siderar Commercial:	9.49	31' 01"	FW
345.9	Siderar Raw Material:	9.49	31' 01"	FW
<b>RAMALLO PORT:</b>				
331.2	Bunge Fertilizers:	9.49	31' 01"	FW
330.4	Bunge Elevator:	9.49	31' 01"	FW
329.5	X-Storage:	9.49	31' 01"	FW
310.6	Arriba Obligado	<<<<	<b>9.49</b>	<b>31' 01"</b> <b>FW</b>
277.0	<b>SAN PEDRO PORT:</b>	(Access Channel)	<b>9.75</b>	<b>31' 11"</b> <b>FW</b>
	Draft is indicative for 0800 hrs. Same changes every two hours.			
222.0	<b>DEL GUAZU PORT:</b>		<b>10.05</b>	<b>32' 11"</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				