

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km			Meters	Feet	
585.0	<b>SANTA FE PORT:</b>		<b>5.10</b>	<b>16' 08"</b>	<b>FW</b>
533.0	<b>DIAMANTE PORT:</b>		<b>6.19</b>	<b>20' 03"</b>	<b>FW</b>
	<b>SAN LORENZO PORT:</b>				
464.3	Renova North:		9.43	30' 11"	FW
464.0	Renova South:		9.43	30' 11"	FW
463.0	LDC Timbues:		9.43	30' 11"	FW
462.2	Cofco Timbues North:		9.43	30' 11"	FW
462.0	Cofco Timbues South:		9.43	30' 11"	FW
461.2	ACA Timbues:		9.43	30' 11"	FW
460.5	AGD Timbues:		9.43	30' 11"	FW
458.2	Profertil:		9.43	30' 11"	FW
457.0	Minera Alumbrera:		9.43	30' 11"	FW
456.0	Terminal 6 North:		9.43	30' 11"	FW
455.5	Terminal 6 South:		9.43	30' 11"	FW
454.8	Arauco:		9.43	30' 11"	FW
454.8	Quebracho:		9.43	30' 11"	FW
452.8	<b>TFA:</b>	(Alongside Berth)	<b>7.81</b>	<b>25' 07"</b>	<b>FW</b>
452.3	Entre Paso Bellavista / Abajo Correntoso	<<<<	<b>9.43</b>	<b>30' 11"</b>	<b>FW</b>
451.5	<b>Pampa Energia:</b>				
	* Berthing:		<b>7.71</b>	<b>25' 03"</b>	<b>FW</b>
	* Sailing upstream without LOA restriction:		<b>2.91</b>	<b>9' 06"</b>	<b>FW</b>
451.5	<b>Cofco PGSM North:</b>	(Access Channel)			
	* Sailing downstream - 2 Tugs:		<b>9.47</b>	<b>31' 00"</b>	<b>FW</b>
	* Sailing upstream - No Tug:		<b>3.01</b>	<b>9' 10"</b>	<b>FW</b>
451.3	Cofco PGSM South: (Assisted by 1 Tug) (*)		9.47	31' 00"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)		9.47	31' 00"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)		9.47	31' 00"	FW
448.2	Dempa: (Assisted by 1 Tug) (*)		9.47	31' 00"	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.				
448.0	<b>YPF Chacabuco:</b>				
	* Forward berth-side draft:		<b>7.61</b>	<b>24' 11"</b>	<b>FW</b>
	* Astern berth-side draft:		<b>8.11</b>	<b>26' 07"</b>	<b>FW</b>
	- LOA up to 185.00 mts max.				
446.7	YPF Fluvial Plant:		9.47	31' 00"	FW
446.5	ACA:	(Must turn in km 459)	9.43	30' 11"	FW
	* Assisted by 1 Tug:		9.47	31' 00"	FW
442.8	Nouryon:	(Must turn in km 459)	9.43	30' 11"	FW
	* Depending on South roads congestion:		9.47	31' 00"	FW
442.0	Vicentin:	(Must turn in km 459)	9.43	30' 11"	FW
	* Depending on South roads congestion:		9.47	31' 00"	FW
441.5	San Benito:	(Must turn in km 459)	9.43	30' 11"	FW
	* Depending on South roads congestion:		9.47	31' 00"	FW
	<b>ROSARIO PORT:</b>				
418.6	Entre Paso Canal de los Muelles / Borghi	<<<<	<b>9.47</b>	<b>31' 00"</b>	<b>FW</b>
417.5	<b>TPR G. B-C Berth:</b>	(Alongside Berth/UKC not)	<b>7.34</b>	<b>24' 00"</b>	<b>FW</b>
416.5	TPR (Open berths):		9.57	31' 04"	FW
415.2	Unidad VI:		9.57	31' 04"	FW
414.8	Unidad VII:		9.57	31' 04"	FW
408.0	<b>Cargill VGG:</b>				
	* Unberthing (w/o tug turning at km 424):		<b>8.54</b>	<b>28' 00"</b>	<b>FW</b>
	* Unberthing (assisted by tug turning at km 410):		<b>8.84</b>	<b>29' 00"</b>	<b>FW</b>
406.5	<b>Cargill Punta Alvear:</b>				
	* Unberthing (w/o tug turning at km 424):	(As per CG regulations)	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
	* Berthing w/o tug (loaded vessels):	(As per CG regulations)	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
396.0	<b>LDC Dry Lagos: (Assisted by 1 Tug) (**)</b>	(As per CG regulations)	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
395.9	<b>LDC Liquid Lagos: (***)</b>	(As per CG regulations)	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
395.5	<b>ADM Agro Arroyo Seco: (***)</b>	(As per CG regulations)	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
	(**) 1 Tugboat for Berthing / Unberthing.				
	(***) 1 Tugboat for Unberthing as long northern berth is occupied.				
	<b>VILLA CONSTITUCIÓN PORT:</b>				
368.0	<b>Servicios Portuarios - Elevator:</b>	(Access Channel)	<b>7.85</b>	<b>25' 09"</b>	<b>FW</b>
365.0	<b>Acindar Comercial:</b>	(Alongside Berth)	<b>8.05</b>	<b>26' 04"</b>	<b>FW</b>
364.0	Acindar Mineral:		9.57	31' 04"	FW
357.1	Yaquaron	<<<<	<b>9.57</b>	<b>31' 04"</b>	<b>FW</b>
	<b>SAN NICOLAS PORT:</b>				
348.5	Puerto Nuevo (North/Center/South):		9.79	32' 01"	FW
348.4	Elevator:		9.79	32' 01"	FW
348.1	Central Termica (AES):		9.79	32' 01"	FW
346.0	Siderar Commercial:		9.79	32' 01"	FW
345.9	Siderar Raw Material:		9.79	32' 01"	FW
343.7	Cortada Isla Nueva	<<<<	<b>9.79</b>	<b>32' 01"</b>	<b>FW</b>
	<b>RAMALLO PORT:</b>				
331.2	Bunge Fertilizers:		9.89	32' 05"	FW
330.4	Bunge Elevator:		9.89	32' 05"	FW
329.5	X-Storage:		9.89	32' 05"	FW
288.6	Abajo Los Ratones B/D	<<<<	<b>9.89</b>	<b>32' 05"</b>	<b>FW</b>
277.0	<b>SAN PEDRO PORT:</b>	(Access Channel)	<b>9.48</b>	<b>31' 01"</b>	<b>FW</b>
	Draft is indicative for 0800 hrs. Same changes every two hours.				
222.0	<b>DEL GUAZU PORT:</b>		<b>10.40</b>	<b>34' 01"</b>	<b>FW</b>
	Draft is indicative for 0900 hrs. Same changes hourly by RP Tides.				
	<b>* PARANA RIVER PORTS FW STD DENSITY IS 0.998</b>				
	<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