

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km		Meters	Feet	FW
585.0	<b>SANTA FE PORT:</b>	6.45	21' 01"	FW
533.0	<b>DIAMANTE PORT:</b>	7.78	25' 06"	FW
	<b>SAN LORENZO PORT:</b>			
464.3	Renova North:	10.46	34' 03"	FW
464.0	Renova South:	10.46	34' 03"	FW
463.0	LDC Timbues:	10.46	34' 03"	FW
462.2	Cofco Timbues North:	10.46	34' 03"	FW
462.0	Cofco Timbues South:	10.46	34' 03"	FW
461.2	ACA Timbues:	10.46	34' 03"	FW
460.5	AGD Timbues:	10.46	34' 03"	FW
458.2	Profertil:	10.46	34' 03"	FW
457.0	Minera Alumbrera:	10.46	34' 03"	FW
456.0	Terminal 6 North:	10.46	34' 03"	FW
455.5	Terminal 6 South:	10.46	34' 03"	FW
454.8	Arauco:	10.46	34' 03"	FW
454.8	Quebracho:	10.46	34' 03"	FW
452.8	TFA:	10.46	34' 03"	FW
451.5	<b>Pampa Energia:</b>			
	* Berthing:	9.63	31' 07"	FW
	* Sailing upstream without LOA restriction:	4.93	16' 02"	FW
451.5	<b>Cofco PGSM North:</b> (Access Channel)			
	* Sailing downstream - 2 Tugs:	10.46	34' 03"	FW
	* Sailing upstream - No Tug:	4.63	15' 02"	FW
451.2	Cofco PGSM South: (Assisted by 1 Tug) (*)	10.46	34' 03"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)	10.46	34' 03"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)	10.46	34' 03"	FW
448.2	Dempa: (Assisted by 1 Tug) (*)	10.46	34' 03"	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:	9.23	30' 03"	FW
	* Astern berth-side draft:	9.73	31' 11"	FW
	- LOA up to 185.00 mts max.			
446.7	YPF Fluvial Plant:	10.46	34' 03"	FW
446.5	ACA:	10.46	34' 03"	FW
442.8	Nouryon:	10.46	34' 03"	FW
442.0	Vicentin:	10.46	34' 03"	FW
441.5	San Benito:	10.46	34' 03"	FW
	<b>ROSARIO PORT:</b>			
417.5	<b>TPR G. B-C Berth:</b> (Alongside Berth/UKC no	8.90	29' 02"	FW
416.5	TPR (Open berths):	10.46	34' 03"	FW
415.2	Unidad VI:	10.46	34' 03"	FW
414.8	Unidad VII:	10.46	34' 03"	FW
408.0	<b>Cargill VGG:</b> (Must turn in km 410)			
	* Berthing/Unberthing w/o tugboat:	9.58	31' 05"	FW
	* Berthing/Unberthing assisted by one tugboat: (As per CG regulations)	10.46	34' 03"	FW
	* Berthing/Unberthing assisted by two tugboats: (As per CG regulations)	10.46	34' 03"	FW
406.5	<b>Cargill Punta Alvear:</b>			
	* Berthing: (As per CG regulations)	9.98	32' 08"	FW
	* Sailing: (As per CG regulations)	10.46	34' 03"	FW
396.0	LDC Dry Laqos: (Assisted by 1 Tug) (**)	10.46	34' 03"	FW
395.9	LDC Liquid Lagos: (***)	10.46	34' 03"	FW
395.5	ADM Agro Arroyo Seco: (***)	10.46	34' 03"	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)	8.86	29' 00"	FW
365.0	<b>Acindar Comercial:</b> (Alongside Berth)	9.86	32' 04"	FW
364.0	Acindar Mineral:	10.46	34' 03"	FW
352.3	Yaguaron <<<<	10.46	34' 03"	FW
	<b>SAN NICOLAS PORT:</b>			
348.5	Puerto Nuevo (North/Center/South):	10.60	34' 09"	FW
348.4	Elevator:	10.60	34' 09"	FW
348.1	Central Termica (AES):	10.60	34' 09"	FW
346.0	Siderar Commercial:	10.60	34' 09"	FW
345.9	Siderar Raw Material:	10.60	34' 09"	FW
	<b>RAMALLO PORT:</b>			
331.2	Bunge Fertilizers:	10.60	34' 09"	FW
330.4	Bunge Elevator:	10.60	34' 09"	FW
329.5	X-Storage:	10.60	34' 09"	FW
308.4	Entre Paso Los Ratones / Arriba Obligado <<<<	10.60	34' 09"	FW
277.0	<b>SAN PEDRO PORT:</b> (Access Channel)	10.53	34' 06"	FW
	Draft is indicative for 0800 hrs. Same changes every two hours.			
222.0	<b>DEL GUAZU PORT:</b>	10.50	34' 05"	FW
	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	46' 00"	SW
	(*) Except for Galvan Omega 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			