

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km			Meters	Feet	FW
585.0	<b>SANTA FE PORT:</b>		8.72	28' 07"	FW
533.0	<b>DIAMANTE PORT:</b>		9.96	32' 08"	FW
	<b>SAN LORENZO PORT:</b>				
464.3	Renova North:		11.59	38' 00"	FW
464.0	Renova South:		11.59	38' 00"	FW
463.0	LDC Timbues:		11.59	38' 00"	FW
462.2	Cofco Timbues North:		11.59	38' 00"	FW
462.0	Cofco Timbues South:		11.59	38' 00"	FW
461.2	ACA Timbues:		11.59	38' 00"	FW
460.5	AGD Timbues:		11.59	38' 00"	FW
458.2	Profertil:		11.59	38' 00"	FW
457.0	Minera Alumbrera:		11.59	38' 00"	FW
456.0	Terminal 6 North:		11.59	38' 00"	FW
455.5	Terminal 6 South:		11.59	38' 00"	FW
454.8	Arauco:		11.59	38' 00"	FW
454.8	Quebracho:		11.59	38' 00"	FW
452.8	<b>TFA:</b>	(Alongside Berth)	11.59	38' 00"	FW
454.5	<b>Pampa Energia:</b>				
	* Berthing:		11.59	38' 00"	FW
	* Sailing upstream without LOA restriction:		6.99	22' 11"	FW
454.5	<b>Cofco PGSM North:</b>	(Access Channel)			
	* Sailing downstream - 2 Tugs:		11.59	38' 00"	FW
	* Sailing upstream - No Tug:		6.69	21' 11"	FW
451.3	Cofco PGSM South: (Assisted by 1 Tug) (*)		11.59	38' 00"	FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)		11.59	38' 00"	FW
448.8	Pampa: (Assisted by 1 Tug) (*)		11.59	38' 00"	FW
448.2	Dempa: (Assisted by 1 Tug) (*)		11.59	38' 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:		11.29	37' 00"	FW
	* Astern berth-side draft:		11.59	38' 00"	FW
	- LOA up to 185.00 mts max.				
446.7	YPF Fluvial Plant:		11.59	38' 00"	FW
446.5	ACA:		11.59	38' 00"	FW
442.8	Nouryon:		11.59	38' 00"	FW
442.0	Vicentin:		11.59	38' 00"	FW
441.5	San Benito:		11.59	38' 00"	FW
	<b>ROSARIO PORT:</b>				
417.5	<b>TPR G. B-C Berth:</b>	(Alongside Berth/UKC no)	10.81	35' 05"	FW
416.5	TPR (Open berths):		11.59	38' 00"	FW
415.2	Unidad VI:		11.59	38' 00"	FW
414.8	Unidad VII:		11.59	38' 00"	FW
408.0	<b>Cargill VGG:</b>	(Must turn in km 410)			
	* Berthing/Unberthing w/o tugboat:		11.37	37' 03"	FW
	* Berthing/Unberthing assisted by one tugboat: (As per CG regulations)		11.59	38' 00"	FW
	* Berthing/Unberthing assisted by two tugboats: (As per CG regulations)		11.59	38' 00"	FW
406.5	<b>Cargill Punta Alvear:</b>				
	* Berthing: (As per CG regulations)		11.59	38' 00"	FW
	* Sailing: (As per CG regulations)		11.59	38' 00"	FW
396.0	LDC Dry Lagos: (Assisted by 1 Tug) (**)		11.59	38' 00"	FW
395.9	LDC Liquid Lagos: (***)		11.59	38' 00"	FW
395.5	ADM Agro Arroyo Seco: (***)		11.59	38' 00"	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)	10.41	34' 01"	FW
365.0	<b>Acindar Comercial:</b>	(Alongside Berth)	11.41	37' 05"	FW
364.0	Acindar Mineral:		11.59	38' 00"	FW
	<b>SAN NICOLAS PORT:</b>				
348.5	Puerto Nuevo (North/Center/South):	(Access Channel)	11.59	38' 00"	FW
348.4	Elevator:	(Alongside Berth)	11.59	38' 00"	FW
348.1	Central Termica (AES):	(Alongside Berth)	11.59	38' 00"	FW
346.0	Siderar Commercial:		11.59	38' 00"	FW
345.9	Siderar Raw Material:		11.59	38' 00"	FW
	<b>RAMALLO PORT:</b>				
331.2	Bunge Fertilizers:	(Access Channel)	11.59	38' 00"	FW
330.4	Bunge Elevator:	(Access Channel)	11.59	38' 00"	FW
329.5	X-Storage:		11.59	38' 00"	FW

308.4 Entre Paso Los Ratones / Arriba Obligado <<<<  
11.59 38' 00" FW

277.0 **SAN PEDRO PORT:** (Access Channel) 11.43 37' 06" FW  
Draft is indicative for 0800 hrs. Same changes every two hours.

222.0 **DEL GUAZU PORT:** 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

**NECOCHEA:** 13.50 44' 03" BW  
**BAHIA BLANCA:** 13.72 45' 00" SW

(\*) Except for Galvan Ormisa 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