

**PARANA RIVER SAILING DRAFTS ALLOWED:**

Km		Meters	Feet	
585.0	<b>SANTA FE PORT:</b>	<b>6,25</b>	<b>20' 06"</b>	<b>FW</b>
533.0	<b>DIAMANTE PORT:</b>	<b>7,46</b>	<b>24' 05"</b>	<b>FW</b>
	<b>SAN LORENZO PORT:</b>			
464.3	Renova North:	10.47	34' 04"	FW
464.0	Renova South:	10.47	34' 04"	FW
463.0	LDC Timbues:	10.47	34' 04"	FW
462.2	Cofco Timbues North:	10.47	34' 04"	FW
462.0	Cofco Timbues South:	10.47	34' 04"	FW
461.2	ACA Timbues:	10.47	34' 04"	FW
460.5	AGD Timbues:	10.47	34' 04"	FW
458.2	Profertil:	10.47	34' 04"	FW
457.0	Minera Alumbreira:	10.47	34' 04"	FW
456.0	Terminal 6 North:	10.47	34' 04"	FW
455.5	Terminal 6 South:	10.47	34' 04"	FW
454.8	Arauco:	10.47	34' 04"	FW
454.8	Quebracho:	10.47	34' 04"	FW
452.8	<b>TFA:</b>	(Alongside Berth)	<b>10,39</b>	<b>34' 01"</b> <b>FW</b>
451.5	<b>Pampa Energia:</b>			
	* Berthing:		<b>9,39</b>	<b>30' 09"</b> <b>FW</b>
	* Sailing upstream without LOA restriction:		<b>4,69</b>	<b>15' 04"</b> <b>FW</b>
451.5	<b>Cofco PGSM North:</b>	(Access Channel)		
	* Sailing downstream - 2 Tugs:		<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
	* Sailing upstream - No Tug:		<b>4,39</b>	<b>14' 04"</b> <b>FW</b>
451.7	Cofco PGSM South: (Assisted by 1 Tug) (*)		10.47	34' 04" FW
449.5	ADM Agro PGSM: (Assisted by 1 Tug) (*)		10.47	34' 04" FW
448.8	Pampa: (Assisted by 1 Tug) (*)		10.47	34' 04" FW
448.2	Dempa: (Assisted by 1 Tug) (*)		10.47	34' 04" 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>8,99</b>	<b>29' 05"</b> <b>FW</b>
	* Astern berth-side draft:		<b>9,49</b>	<b>31' 01"</b> <b>FW</b>
	- LOA up to 185,00 mts max.			
446.7	YPF Fluvial Plant:	10.47	34' 04"	FW
446.5	ACA:	10.47	34' 04"	FW
442.8	Nouryon:	10.47	34' 04"	FW
442.0	Vicentin:	10.47	34' 04"	FW
441.5	San Benito:	10.47	34' 04"	FW
	<b>ROSARIO PORT:</b>			
417.5	<b>TPR G. B-C Berth:</b>	(Alongside Berth/UKC not)	<b>8,74</b>	<b>28' 08"</b> <b>FW</b>
416.5	TPR (Open berths):		10.47	34' 04" FW
415.2	Unidad VI:		10.47	34' 04" FW
414.8	Unidad VII:		10.47	34' 04" FW
408.8	Entre Paso Alvear / Canal de los Muelles	<<<<		
			<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
408.0	<b>Cargill VGG:</b>	(Must turn in km 410)		
	* Berthing/Unberthing w/o tugboat:	(As per CG regulations)	<b>9,52</b>	<b>31' 02"</b> <b>FW</b>
	* Berthing/Unberthing assisted by one tugboat:	(As per CG regulations)	<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
	* Berthing/Unberthing assisted by two tugboats:	(As per CG regulations)	<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
406.5	<b>Cargill Punta Alvear:</b>	(Must turn in km 410)		
	* Berthing:	(As per CG regulations)	<b>10,32</b>	<b>33' 10"</b> <b>FW</b>
	* Sailing:	(As per CG regulations)	<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
	* Assisted by tugboats:	(As per CG regulations)	<b>10,47</b>	<b>34' 04"</b> <b>FW</b>
396.0	LDC Dry Laqos: (Assisted by 1 Tug) (**)		10.49	34' 04" FW
395.9	LDC Liquid Laqos: (***)		10.49	34' 04" FW
395.5	ADM Agro Arroyo Seco: (***)		10.49	34' 04" 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>8,69</b>	<b>28' 06"</b> <b>FW</b>
365.0	<b>Acindar Comercial:</b>	(Alongside Berth)	<b>9,69</b>	<b>31' 09"</b> <b>FW</b>
364.0	Acindar Mineral:		10.49	34' 04" FW
357.8	Yaguaron	<<<<		
			<b>10,49</b>	<b>34' 04"</b> <b>FW</b>
	<b>SAN NICOLAS PORT:</b>			
348.5	Puerto Nuevo (North/Center/South):	(Access Channel)	10.81	35' 05" FW
348.4	Elevator:	(Alongside Berth)	10.81	35' 05" FW
348.1	Central Termica (AES):	(Alongside Berth)	10.81	35' 05" FW
346.0	Siderar Commercial:		10.81	35' 05" FW
345.9	Siderar Raw Material:		10.81	35' 05" FW
	<b>RAMALLO PORT:</b>			
331.2	Bunge Fertilizers:	(Access Channel)	10.81	35' 05" FW
330.4	Bunge Elevator:	(Access Channel)	10.81	35' 05" FW
329.5	X-Storage:		10.81	35' 05" FW
308.5	Entre Paso Los Ratones / Arriba Obligado	<<<<		
			<b>10,81</b>	<b>35' 05"</b> <b>FW</b>
277.0	<b>SAN PEDRO PORT:</b>	(Access Channel)	<b>11,16</b>	<b>36' 07"</b> <b>FW</b>
	Draft is indicative for 0800 hrs. Same changes every two hours.			
222.0	<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 12.50m SW			
	(*) Except for Galvan TBB 5 berth which max arrival draft is 10.67m SW			
	* ALL VALUES WITH UKC DEDUCTED			