

PARANA RIVER SAILING DRAFTS ALLOWED:

| <u>Km</u> | | <u>Meters</u> | <u>Feet</u> | | |
|--------------|--|--------------------------|----------------|----------------|-----------|
| 585.0 | SANTA FE PORT: | 7.27 | 23' 10" | FW | |
| 533.0 | DIAMANTE PORT: | 8.45 | 27' 08" | FW | |
| | SAN LORENZO PORT: | | | | |
| 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 Alumbreira: | 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 | |
| 454.0 | Quebracho: | 10.46 | 34' 03" | FW | |
| 452.8 | TFA: | 10.46 | 34' 03" | FW | |
| 451.5 | Pampa Energia: | | | | |
| | * Berthing: | 10.46 | 34' 03" | FW | |
| | * Sailing upstream without LOA restriction: | 5.28 | 17' 03" | FW | |
| 451.3 | Cofco PGSM North: | | | | |
| | * Sailing downstream - 2 Tugs: | 10.46 | 34' 03" | FW | |
| | * Sailing upstream - No Tug: | 6.08 | 19' 11" | FW | |
| 451.0 | 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 | |
| 448.3 | 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. | | | | |
| 448.3 | YPF Chacabuco: | | | | |
| | * Forward berth-side draft: | 9.88 | 32' 04" | FW | |
| | * Astern berth-side draft: | 10.38 | 34' 00" | 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 | |
| | ROSARIO PORT: | | | | |
| 417.5 | TPR G. B-C Berth: | (Alongside Berth/UKC not | 9.47 | 31' 00" | 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 | Cargill VGG: | 10.46 | 34' 03" | FW | |
| 406.5 | Cargill Punta Alvear: | 10.46 | 34' 03" | FW | |
| 396.0 | LDC Dry Lagos: (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. | | | | |
| | VILLA CONSTITUCION PORT: | | | | |
| 368.0 | Servicios Portuarios - Elevator: | (Access Channel) | 9.30 | 30' 06" | FW |
| 365.0 | Acindar Comercial: | (Alongside Berth) | 10.30 | 33' 09" | FW |
| 364.0 | Acindar Mineral: | 10.46 | 34' 03" | FW | |
| | SAN NICOLAS PORT: | | | | |
| 348.5 | Puerto Nuevo (North/Center/South): | 10.46 | 34' 03" | FW | |
| 348.4 | Elevator: | 10.46 | 34' 03" | FW | |
| 348.1 | Central Termica (AES): | 10.46 | 34' 03" | FW | |
| 346.0 | Siderar Commercial: | 10.46 | 34' 03" | FW | |
| 345.9 | Siderar Raw Material: | 10.46 | 34' 03" | FW | |
| | RAMALLO PORT: | | | | |
| 331.2 | Bunge Fertilizers: | 10.46 | 34' 03" | FW | |
| 330.4 | Bunge Elevator: | 10.46 | 34' 03" | FW | |
| 329.5 | X-Storage: | 10.46 | 34' 03" | FW | |
| 325.4 | Las Hermanas B/D | <<<< | 10.46 | 34' 03" | FW |
| 277.0 | SAN PEDRO PORT: | (Access Channel) | 10.40 | 34' 01" | 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 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