

Date of approval: January 29th, 2024

No.	Related Documents	Status *
1	Latest MAS Tide Table	Active
2	ISPS ship pre-arrival form(F-51/52.001)	Active
3	Maritime Declaration of Health form (F-51/52.021)	Active
4	Questions related to the Ebola outbreak (F51/52.027)	Active
5	Shipping notice 2015/01 Minimum requirements for safe and efficient passage of sea-going vessels in Surinamese waters	Active
6	Chart no. SR2228 Corantijn and Nickerie River	Active
7	Shipping notice 2016/01 Nautical Accessibility Corantijn River	Replaced by Shipping notice 2024/03 Nautical Accessibility Corantijn River.
8	Relevant NtM of the area on www.mas.sr	Active

Additional requirements for ships to navigate the Corantijn River

The largest (representative) ship that can have a safe and smooth passage under the current conditions of the Corantijn River from the river mouth up to Apoera Port has a L.O.A. 70 meters and maximum draft of 4.50 meters.

Ship's draft

The minimum chart depth in the mouth of the Corantijn River is 1.30 meters. Sea going vessels making use of the Port of Corantijn River can load to 3.90 meters at MHWN (Mean High Water at Neap tide) and 4.50 meters at MHWS (Mean High Water Spring). The draft of the ship is dependent of the tide by which MHWN indicates the lower limit of 3.90 meters is given and MHWS the upper limit of 4.50 meters. (The calculation is based on freshwater density).

Draft calculation

Mean rise at neap tide: 2.70 m.

Mean rise at springtide: 3.30 m.

Bar depth in the Corantijn River Mouth: 1.30 m

Neap tide to springtide : 2.70 m.

Bar depth : 1.30 m.

Total : 4.00 m.

Keel clearance : 0.10 m.

Ship draft to depart : 3.90 m.

At mean neap tide (2.70 m.) can safely load to ± 3.90 m.

Spring to Neap tide	: 3.30 m.
<u>Bar depth</u>	: <u>1.30 m.</u>
Total	: 4.60 m.
<u>Keel clearance</u>	: <u>0.10 m.</u>
Ship draft to depart	: 4.50 m.

At mean spring tide (3.30 m.) can safely load to \pm 4.50 m.

Note: The calculations above are based on mean values. The actual tide can be lower or higher than the mean values. The day-to-day tidal information is published in the annual tide tables of the Maritime Authority of Suriname. The calculation is based on freshwater density (1.0 kg/l).

General Note:

- In special or exceptional cases, the MAS is fully authorized to request tugboat assistance for partial or the entire distance to be navigated within the channel.
- Vessels with bow thrusters which are not in good working condition are regarded as vessels without bow thrusters.
- A mooring boat must be on standby to assist with the mooring lines.
- For tugboat assistance tugboat operators/companies should possess a valid license for tugboat operations issued by the Maritime Authority Suriname.
- Draft calculation is based on freshwater.

Approved by the
Maritime Authority Suriname,


Mr. M. Amafo LL.M
Director