

Date of approval: August 2016

No.	Related Documents	Status *
1	Latest version of 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	Shipping notice 2016/01 Minimum requirements for safe and efficient passage of sea-going vessels in Surinamese waters	Active
5	Chart no. SR2228 Corantijn and Nickerie River	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 LoA 70 metres and maximum draft of 4.90 metres.

### Ship's draft

The minimum chart depth in the mouth of the Corantijn River is 1.70 metres. Sea going vessels making use of the Port of Corantijn River can load to 4.30 metres at MHWN (Mean High Water at Neap tide) and 4.90 metres at MHWS (Mean High Water Spring). The draft of the ship is dependent of the tide by which MHWN indicates the lower limit of 4.30 metres is given and MHWS the upper limit of 4.90 metres. (The calculation is based on fresh water density).

### Draft calculation

Mean rise at neaptide: 2.70 m

Mean rise at springtide: 3.30 m

Bar depth in the Corantijn River Mouth: 1.70 m

<b>Neaptide to springtide</b>	<b>: 2.70 m.</b>
<b><u>Bardepth</u></b>	<b>: <u>1.70 m.</u></b>
<b>Total</b>	<b>: 4.40 m.</b>
<b><u>Keel clearance</u></b>	<b>: <u>0.10 m.</u></b>
<b>Shipdraft to depart</b>	<b>: 4.30 m.</b>

**At mean neap tide (2.70 m.) can safely load to ± 4.30 m.**

<b>Spring to Neap tide</b>	<b>:</b>	<b>3.30 m.</b>
<b><u>Bar depth</u></b>	<b>:</b>	<b><u>1.70 m.</u></b>
<b>Total</b>	<b>:</b>	<b>5.00 m.</b>
<b><u>Keel clearance</u></b>	<b>:</b>	<b><u>0.10 m.</u></b>
<b>Shipsdraft to depart</b>	<b>:</b>	<b>4.90 m.</b>

At mean springtide (3.30 m.) can safely load to  $\pm$  4.90 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.

**General Note:**

- 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.

Approved by the  
Maritime Authority Suriname,



Mr. M. Amafo LL.M  
Director