

Date of approval: June 2020

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	Questions related to the novel Coronavirus (COVID-19) outbreak (F51/52.034)	Active
5	Questions related to the Ebola outbreak (F51/52.027)	Active
4	Shipping notice 2017/1 Commewijne- and Cottica River	Replaced by Shipping notice 2020/08 Nautical Accessibility Commewijne - and Cottica River
5	Shipping notice 2020/09 Nautical Accessibility TRAYMORE N.V. - SRMOJ-0001	Active
6	Shipping notice 2020/09 Nautical Accessibility TRAYMORE N.V. – Dock 2- SRMOJ-0003	Active
7	Chart no SR2219 Commewijne – and Cottica River to Moengo	Active

### Accessibility Commewijne - and Cottica River

The accessibility of the Commewijne River depends on the river bar in the mouth of the Commewijne River. The bar begins at Fort Nieuw-Amsterdam and extends to Leliëndaal. The minimum depth is set at 2.60 meters (m) referenced to L.W.S. (low-water spring). The average rise is 2.5 meters across the mouth of the Commewijne River by which the average water depth at average high tide is 5.40 meters. This is the average depth which means that at high spring tide the water depth is slightly higher and at neap tide lower. The calculated depths at MHWN (Mean High Water Neaps) and MHWS (Mean High Water Spring) are shown in the table below.

**Table 1: calculated depths at MHWN and MHWS**

WL	CD + WL =	Depth	Keel clearance	Draft
MHWN	2.60 m + 2.15 m	4.75 m	0.30	4.45 m
MHWS	2.60 m + 2.80 m	5.40 m	0.30	5.10 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.



### Tidal comparison between Commewijne River bar, Moengo and Paramaribo (at MAS)

Near the bar of the Commewijne River, at Fort Nieuw-Amsterdam, HW and LW will be fifty (50) minutes earlier on, HW height 5 cm (0.5 dm) lower and LW height 10 cm (= 1dm) higher than at the tide station of the Maritime Authority Suriname (MAS) in Paramaribo. HW is six (6) hours later at Moengo than at Paramaribo.

#### Abbreviations:

C.D.: Chart Datum

H.W: High Water

M.H.W.N. : Mean High Water Neaps

M.H.W.S. : Mean High Water Spring

L.W.S. : Low Water Spring

W.L.: Water Level

L.W: Low Water

#### Length overall (LOA) Cottica river.

Due to the sharp bends at several locations, vessels with a maximum length of one hundred and twenty meters (120m) can sail the Cottica River..

#### Main Berth Moengo

The minimum depth at Moengo port is 4.5m referred to L.W.S. (see the Shipping Notices port facility of Traymore 2020/09 and 2020/10). The average rise is 1.8 m, which makes the average water depth at the port 6.5 m at average high tide. The water levels can be reduced due to extreme drought in the dry season.

#### Minimum requirements for ships to navigate in de Cottica River:

A.

1. controllable pitch propeller;
2. equipped with a bow thruster;
3. equipped with a single (flap) rudder;
4. L.O.A. of 70 meters or more;
5. tugboat assistance required with a minimum of 1500 hp from Koopmans Kreek to Moengo, whereby the tug will be attached to the ship; and
6. other conditions C1 to C7

B.

1. as mentioned in A1, A2, A3 and C1 to C7;
2. less than a L.O.A. of 70 meters; and
3. tugboat assistance not required.

C.

1. sufficient propulsion power in order to be able to pick up the speed of 10 knots;
2. equipped with an electric-hydraulic steering system;
3. equipped with functioning communication tools such as VHF radio;
4. equipped with bright search light;

5. the steering bridge situated on the stern. A not too low steering bridge that restrict the view forward;
6. the views over both starboard and portside should be good; and
7. good vessel maneuverability.

**Note:**

- **Sea- going vessels that do not meet the “Minimum requirements for ships to navigate in de Cottica River, will not be admitted for passage.**
- **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;**
- **A mooring boat must be on standby to assist with the mooring lines;**
- **For tugboat assistance, the tugboats assisting the vessels should be fit for duty and tugboat operators/companies should possess a valid license for tugboat operations issued by the Maritime Authority Suriname;**
- **During extreme drought, the depths may reduce slightly.**

Approved by the  
Maritime Authority Suriname,



Mr. M Amafo LL.M  
Director