

**ANNOUNCEMENT TO SHIPPING  
IJmond North Sea Canal Area  
Central Nautical Management**

Announcement No. 40/2021

IJmuiden, 23 July 2021

Subject: Decree designating the quay of the Passenger Terminal Amsterdam for the bunkering of Liquefied Natural Gas (LNG) with an LNG bunker ship

The Director of the Central Nautical Management North Sea Canal Area, who is also the (State) Harbour Master, announces the following:

Introduction

As part of the worldwide tightening of environmental standards with regard to emissions from maritime shipping, the development of LNG as a fuel is under way in various sectors of maritime shipping, including the cruise sector. A large number of new-build orders are fitted with the necessary equipment, such as bunker tanks, engines, and technical systems for the use of LNG as a fuel. Some recently delivered cruise ships already use LNG.

The designation of the locations where LNG bunkering may be carried out is important in the context of offering the possibility to the ships to bunker LNG for the benefit of the local air quality. From the perspective of external safety, the minimisation of the risks to the living environment is absolute essential. With regard to the designation of locations under the Regional Port Bye-laws, use will be made of the methodology as applied on land under the External Safety Establishments Decree (Bevi). This methodology has previously led to a Decree on the basis of the Regional Port Bye-laws regulating the designation of various LNG bunker locations in the port of Amsterdam.

Location Veemkade Passenger Terminal Amsterdam

Due to the specific location of the Passenger Terminal, which lies near vulnerable objects, the standard methodology was supplemented by an impact study, in which the actual effects of an LNG leakage were investigated using a recognised simulation model, a so-called CFD (Computational Fluid Dynamics) study.

The result of this simulation indicated that there was no risk of fatality on the quay or in the buildings on the quay, provided that strict precautions were in place during the LNG bunkering. These measures are included as a condition in the designation of this bunker location.

The Decree can be found here.

The Director of the Central Nautical Management North Sea Canal Area, who is also the State Harbour Master,



J.H.M. Mateyo