



Efficient discharging and loading barges at APM Terminals Maasvlakte II

Barge is one of the most important modalities at Maasvlakte 2. For this reason, APM Terminals MVII has a dedicated barge handling facility. This means that we can handle your inland barge quickly, reliably and efficiently.

 Lifting Global Trade..

APM TERMINALS

APM Terminals Maasvlakte II

Barge quay at APM Terminals MVII

- A 500-metre barge quay with a depth of 10 metres
- 2/3 barge cranes with an outreach of 36 metres
- Dedicated barge container storage stacks
- Automatic handling of containers to barge cranes and stacks
- Fixed Windows for barges
- Pre-notification via Portbase
- Real-time container status information
- Hinterland portal with intermodal route planner
- No CO₂ emissions thanks to electric cranes and battery driven Lift AGVs (Automated Guided Vehicles)

The most innovative terminal in the world

At APM Terminals MVII, you will experience new dimensions in speed, sustainability and safety. You will notice this straight away at our dedicated barge handling facility. Discharging and loading of containers at the stack is fully automated. This also applies to most operations involving the barge cranes. Discharging and loading the containers onto and off the barge are the only processes that are carried out manually. The reason for this is that we find that eye contact between the master of the vessel and the operator of the crane in the manned area is important for a safe process. The processes, most of which are automated, guarantee that barge cranes have a stable, high level of productivity and, together with our dedicated barge stacks, ensure that your inland vessel is handled within the predicted amount of time.

Reserve a fixed time slot with Fixed Windows

We will be introducing the Fixed Windows principle at APM Terminals MVII. This principle is already in place at our current terminal at Maasvlakte I. Barge operators that regularly deliver or collect a steady stream of containers are able to reserve a fixed time slot. A Fixed Window allows you to benefit from rapid and reliable handling of your inland vessel.

Punctual and accurate electronic pre-notification

APM Terminals MVII requests that barge operators submit an electronic pre-notification containing all details of the container and the barge using Portbase, the Dutch Port Community System. Containers can only be delivered or collected at APM Terminals MVII once the pre-notification has been sent. By providing an electronic pre-notification of barge and the cargo that will be delivered or collected via the service Barge Planning, we will be able to streamline the visit to our terminal. It is essential that the pre-notification is started before the arrival of the deep-sea vessel. This enables us to place the container in the right

stack and to guarantee a rapid handling time. The service Barge Planning is free for barge operators.

Direct container availability

APM Terminals MVII will inform the barge operator at an early stage of the expected discharge time of the container at the terminal. We will provide a reliable indication of the discharge time of the container at the terminal as feedback in the status reports via Portbase's service Barge Planning. As soon as the customs and commercial releases are in order, we will make the container available for hinterland transport straight after it has been discharged.

Lifting Intermodal

It is in the customer's interests that a container is transported to the hinterland as quickly and reliable as possible. That's why we provide an additional service which presents an overview of all intermodal connections via our *Lifting Intermodal* platform. On the basis of up-to-date and pro-forma information, we use *Lifting Intermodal* to advise forwarders and shippers about subsequent intermodal connections. This enables you to draw special attention to your barge product. In this way, we jointly promote transport by inland waterways. The website www.LiftingIntermodal.com will be available online around the time of the commercial opening.

Continual improvement

Together with barge operators, we have developed clear, efficient processes and instructions for the handling of barges. This provides flexibility and assurance for efficient day-to-day activities. Take, for example, the simple exchange of information and the ability to access container status information and the expected unloading times. In addition to this, mutual advantageous concepts such as Fixed Windows allow us to improve the transport via inland shipping. Our partnership ensures that the hinterland product is efficient, reliable and runs smoothly.

Want to find out more?

Around the time of the commercial opening, our operational website www.DailyLiftingMVII.com will be available online. The document *Operational Instructions for barges APM Terminals Maasvlakte II* will be published on this website. Do you have any questions at this stage? You can send any questions to us by e-mail at mv2apmtinfo@apmterminals.com. We would be happy to help you.



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