

PRESS RELEASE

Test phase of shore power supply at EUROGATE Container Terminal Hamburg (CTH) continues to run successfully

Hamburg, 2. October 2023 +++ The third ship integration test for the shore power supply of container ships, which was carried out at EUROGATE Container Terminal Hamburg (CTH), was also successful.

The first ship integration test at the end of August on the Maersk Condor was the first time in Europe that a container ship was connected to shore power. Power was supplied for one hour. In the process, between 700 kW and 1,000 kW of electricity was taken off at transfer station (ASS) 1 at berth 1&2.

After the MSC Livorno was successfully connected at the same connection point on 17.09.2023, the third ship integration test was carried out the previous week, this time at ASS 2 at berth 3. The APL Boston was smoothly supplied with shore-side power for two hours.

The topic of shore-side power supply for container ships during their berthing time in the port has been occupying the container terminals in Hamburg for a long time. Initial planning on this topic began back in 2015 and was included in the Clean Air Plan of the Free and Hanseatic City of Hamburg in 2017. Then, in May 2021, EUROGATE and the Hamburg Port Authority (HPA) concluded a letter of intent (LOI) for the construction of three facilities on the CTH. A total of seven turbines will be built at the Port of Hamburg. Each of these turbines will provide an output of up to 7.5 MW.

At the CTH, three movable transfer stations (ASS) for shore power were erected at berths 1 & 2 and 3 and 6, as well as a converter station in front of the terminal. The transfer station consists of a movable carriage with lowerable coupling technology on the flood protection wall. The installations were completed in June and the first dummy and connector tests were able to start in July. A special feature during the



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construction phase was the installation of the system during ongoing terminal operation and the laying of lines under the water-side road and the water-side crane rail in the quay head to the respective connection.

In the next step, further tests will now be carried out both for individual supply with the ASS3 at berth 6 and for parallel supply of two ships at two connections at the same time. It is planned that the manufacturer will hand over the shore power installations to the HPA at the end of 2023.

By supporting the installation of shore power systems, EUROGATE is pursuing the goal of enabling shipping company customers to continue reducing their emissions at the container terminal as well as sustainably improving the living environment of Hamburg's residents in accordance with the Clean Air Plan.

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About EUROGATE:

EUROGATE is Europe's leading shipping company-independent container terminal group. Together with the Italian terminal operator CONTSHIP Italia, the company operates 12 container terminals from the North Sea to the Mediterranean.

The range of services is rounded off by intermodal and box-related services. EUROGATE was founded in 1999. In 2022, the group handled around 11.9 million TEU across Europe. For more information, visit www.eurogate.eu.

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