

December 26, 2022

Kawasaki Kisen Kaisha, Ltd.

Daito Corporation

Yokohama Daikoku C-4 Terminal Launch Operation of the Yard Management System

Kawasaki Kisen Kaisha, Ltd. (“K” LINE) and Daito Corporation (Daito) have started operating the “Yard Management System” (the system) at the Port of Yokohama Daikoku C-4 Terminal, the first dedicated finished-vehicle terminal in Japan for “K” LINE Group November 2022.

The System manages the status of loading/unloading, vehicle information, and storage locations in the terminal, and its mapping function enables automatic creation of storage maps, making it possible to visualize the status of vehicles more accurately and clearly at a glance. In addition, we aim for efficient yard operations by utilizing the system, such as forecasting the number of vehicles to be stored by accumulating and analyzing past data.

We manage export used vehicles by using QR codes. Also, we can improve the accuracy and efficiency of operations by using handheld equipment, which make us possible to see the status of vehicles quickly and accurately ascertained from anywhere and the latest information can be shared by all parties concerned through the system.

Since the start of operations in April 2022, the terminal has been working to become more environmentally friendly by converting operational vehicles used on the premises to EVs, installing solar carports, and using electricity with virtually zero CO2 emissions from renewable energy sources.

With the introduction of digital technology, the terminal will be able to respond flexibly and proactively to customer needs as a terminal with even higher added value and will strive to always be the preferred choice of customers.

<Related Release>

May 19<sup>th</sup>, 2022: “K” LINE Group’s Yokohama Daikoku C-4 Terminal Starts Operation Utilizing Renewable Energy

<https://www.kline.co.jp/en/news/terminal/terminal-8056059373266974615/main/0/link/220519EN.pdf>

<Handheld terminal of Yard management system>

The handheld terminal reads the QR code affixed to the loading table to grasp and register vehicle information.



<Image of Yard Mapping System>

Vehicle information can be color-coded according to status.

All parties involved can share the latest information for more efficient fleet management.

Aブロック 9		B1ブロック 60		B2ブロック 135		C1ブロック 254		C2ブロック 287		Z1ブロック		Z2ブロック	
		66608	66998	67217	66768	66981	66880					67307	
2115	67244	66612	67013	66188	66463	65215	63747					67306	
1979	66958	66479	67083	66241	66433	63497	63068					67278	
2157	66955	65924	67084	66961	67039	66287	65214	67109	67159	66943			
2334	66982	66969	67085	67192	66877	66780	66892	67017	66915	66980			