

# Logistics Project Briefing

## AT A GLANCE

**Customer:**  
Canary Wharf Contractors

**Industry:**  
Construction

**Project:**  
Crane, hoist and vehicle  
scheduling

**Services provided:**  
Zone Manager – construction site  
scheduling system

**Outcome:**  
Successful management of  
deliveries to congested site and  
flexible rescheduling to take  
account of weather, leading to  
efficient construction on time and  
on budget.

## CANARY WHARF CONTRACTORS





Every day, over 300 lorry deliveries of construction materials arrive on a site so restricted there are no waiting or lay down areas. "You probably won't find anywhere else in the world with this intensity of commercial office space development," comments Douglas Blackstock, senior logistics manager for Canary Wharf Contractors.

Over 8,000 men and women work on more than 7 Million square feet of office space. The site includes 33 and 43 storey developments housing some of the world's most prestigious organisations including HSBC Holdings plc, and the Barclay's world headquarters.

With the potential for construction chaos and delivery congestion, Blackstock was determined for things to run smoothly: "Organising deliveries to site and scheduling your cranes and hoist cars is critical. We needed a tool to manage the process, especially as weather can play a part and we may have to reschedule quickly."

The answer proved to be Zone Manager developed by THE LOGISTICS BUSINESS, now an integral part of on-site activities. Vehicle management, the efficient scheduling of cranes and hoists and overall co-ordination of site logistics resources, is controlled by powerful Zone Manager applications.

With millions of square feet of office space under construction, confined by waterways in the heart of London's Docklands, efficient logistics with precise hoist and delivery scheduling is vital to achieve project completion on time and on budget.

There was no room on site for ground level materials handling and storage or short-term parking. As a result, deliveries for up to 33 tower cranes and some 40-hoist cars are allocated 'slots' by building logistics managers, calculated on the hoisting and crane time needed. Zone Manager also controls arrivals of these vehicles, which are directed to a nearby holding area until their scheduled slot to avoid congestion.

Supplies are promptly marshalled from the incoming holding area to an unloading zone and are transferred, either to ground level stores or transported by crane or hoist straight up to the work level. This procedure eliminates double handling in many cases and efficient scheduling ensures optimum crane and hoist productivity.

Cranes have to stop if wind speed exceeds 38 miles an hour and hoists at a slighting higher wind speed and therefore rescheduling is necessary. Zone Manager helps to manage this flexibility quickly and efficiently, bringing benefits to on site workers and suppliers. Blackstock sums up the continuing Canary Wharf project, "This has been a ground breaking logistics exercise. We have proved that sound on site logistics and professional management of material deliveries is leading us rapidly towards successful project completion".



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