



## WEEKLY HACK #47

### A WHEELY GOOD IDEA!

#### WHEELWASH REMOTE RESET BUTTONS

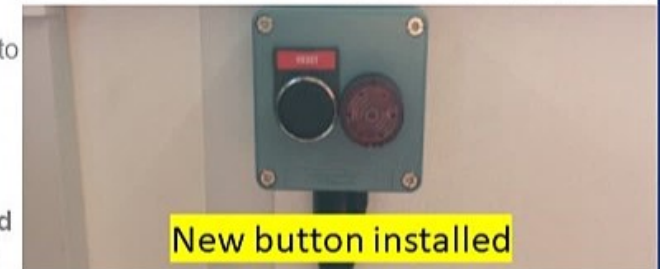
Wharf Manager, Jamie Keeble, has shared an excellent idea which was recently installed at our Angerstein Wharf in London. Jamie explains; 'We have had a wheel wash installed which is controlled via sensors activated by truck movements. The sensors are frequently set off by trucks that do not wait behind the stop sign. This means the weighbridge clerk must exit the weighbridge, walk to the main control panel and reset the sensors.

Although not a difficult task, this was causing frustrations and delays on the weighbridge, plus safety concerns as the weighbridge clerk was up and down the stairs to the weighbridge far too often throughout the day. The additional spray was also causing puddles around the yard and also a waste and expense of electricity and water. We spoke to a local electrician about the possibility of installing a reset button in the weighbridge. The idea was doable, but we went one step further and installed an audible/visual alarm with a reset button to notify the weighbridge clerk that the wheelwash had been activated. This was better as without the alarm we would still be reliant on the weighbridge clerk seeing the wheelwash jets spraying to reset the sensors. The electricians installed the reset button, cable and reprogrammed the PLC. This took one day, and the parts were approximately £500.

The benefits we have seen include; less waiting time for trucks, improved customer service, increased sales volumes, improved safety (as the weighbridge clerk not walking around/up and down stairs), reduction of electricity and water costs, improved staff morale, and finally better general housekeeping conditions, as the excess water was creating large puddles and spraying everywhere.



Original route to access button



New button installed