The quay round.

An independent product concept for a cargo-bike dispatcher and rider.



TERN HARBOUR

The printed round

4.00 km

Dispatch Yard to three deliveries on a fictional quay.

Which crate comes off first?

The person loading the bike needs the same stop order as the rider. The first delivery goes nearest the cargo door.

A call from Basin Steps changes the load. Its box of timetables needs to reach the quay before the ferry boards.

DELIVERIES ON THE PRINTED ROUND

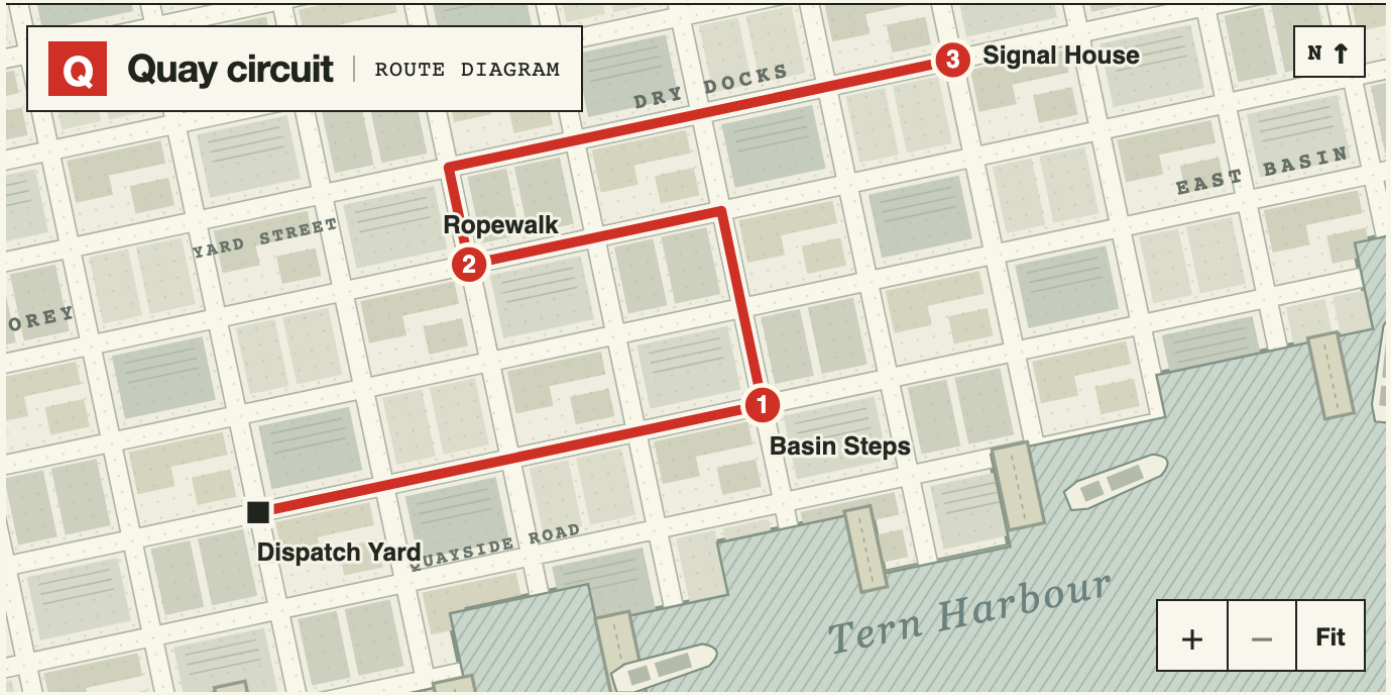
1. **Ropewalk**
   Coil of line

2. **Basin Steps**
   Box of ferry timetables

3. **Signal House**
   Replacement lamp

Basin Steps moves to the front.

The dispatcher changes one stop order. The map redraws the ride, the stops renumber and the rider slip takes the same order.



BASIN STEPS FIRST

4.32 km

324 m longer

than the printed round

A check on the first 1,242 metres.

Dispatch Yard to Ropewalk on the printed round

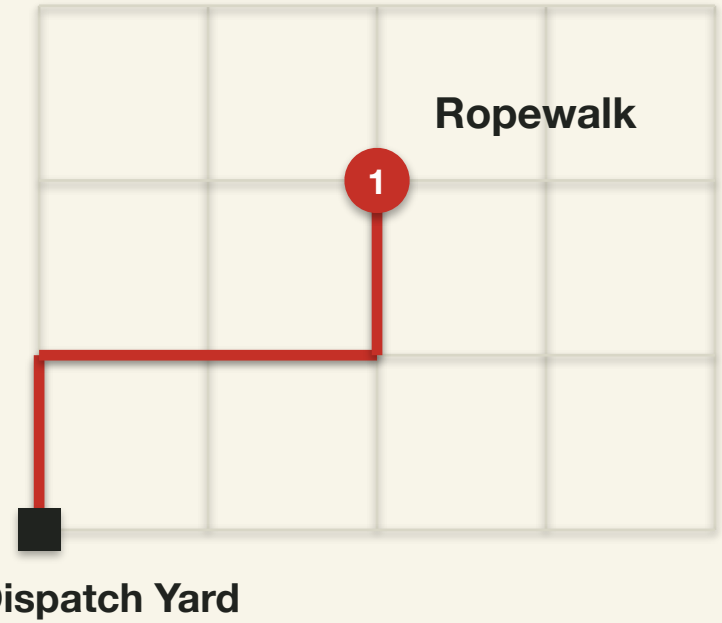


Illustration of the drawn street segments

The grid uses a different length in each direction.

One block up	270 m
Two blocks across	702 m
One more block up	270 m
First leg	**1,242 m**

Six orders, six distances.

All runs leave Dispatch Yard. Each ends at its third delivery.

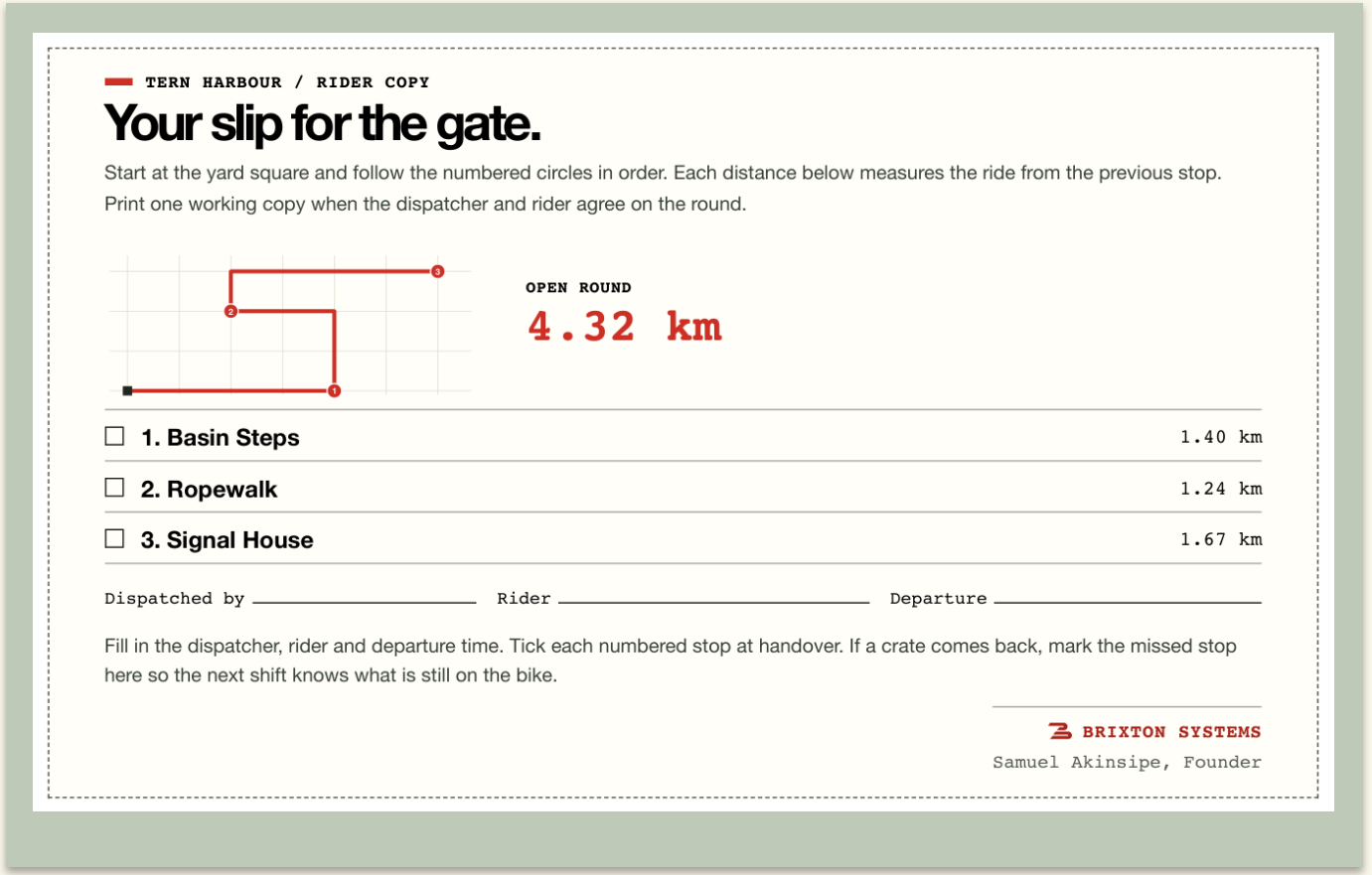
First stop	Second stop	Last stop	Exact metres	Sheet km
Ropewalk	Basin Steps	Signal House	3,996	4.00
Ropewalk	Signal House	Basin Steps	4,428	4.43
Basin Steps	**Ropewalk**	**Signal House**	**4,320**	**4.32**
Basin Steps	Signal House	Ropewalk	4,590	4.59
Signal House	Ropewalk	Basin Steps	5,832	5.83
Signal House	Basin Steps	Ropewalk	5,670	5.67

The sheet adds the legs in metres before rounding. The printed round totals 3,996 m and displays as 4.00 km.

A working copy for the gate

The dispatcher prints the agreed order on one landscape A4 sheet. Dispatcher and rider add their names and departure time by hand.

The rider ticks each handover. A missed stop stays visible to the returning shift.



TERN HARBOUR / RIDER COPY

Your slip for the gate.

Start at the yard square and follow the numbered circles in order. Each distance below measures the ride from the previous stop. Print one working copy when the dispatcher and rider agree on the round.

OPEN ROUND

4.32 km

☐	1. Basin Steps	1.40 km
☐	2. Ropewalk	1.24 km
☐	3. Signal House	1.67 km

Dispatched by _____ Rider _____ Departure _____

Fill in the dispatcher, rider and departure time. Tick each numbered stop at handover. If a crate comes back, mark the missed stop here so the next shift knows what is still on the bike.

BRIXTON SYSTEMS

Samuel Akinsipe, Founder

ACTUAL PRINT OUTPUT / BASIN STEPS FIRST

Could a rider follow the slip without the screen?

Give a second person the 4.32 km rider copy. Ask them to name the first stop, read the next leg and mark a missed handover.

What the exercise measures

The distances come from a fixed fictional grid. The dispatcher still judges the ferry deadline. The prototype has no riding speed or return leg.