

## Case Study: Tracking Boats on River Thames

**The Scan-360 radar has been used to track the movement of riverboats along a busy stretch of the river Thames in central London.**

Scan-360 was deployed to provide surveillance of river traffic over a 400m stretch of the river Thames in the heart of London. The task was to detect and track vessels as they approached the vicinity of HQS Wellington.

The historic ship HQS Wellington (formerly HMS Wellington) is the last surviving member of the Grimsby Class that served in World War Two. She has been moored on the Thames since 1948 during which time she has been the home of the Honourable Company of Master Mariners, a City of London Livery Company.

Today she is a floating museum, library and conference and dining venue.



*HQS Wellington*



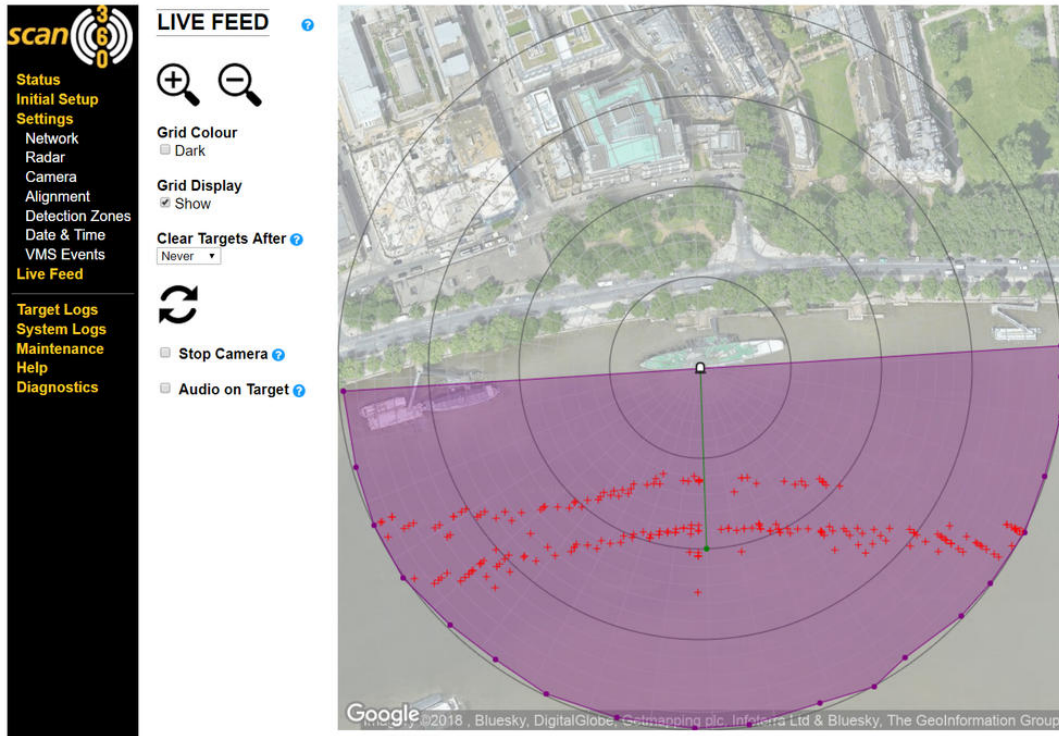
Scan-360 was mounted off the port side of Wellington to have an unobstructed view of the river Thames.

Scan-360 radar technology provides constant surveillance and tracking of nearby vessels.

All boat movements are monitored. Any incidents, near misses, collisions or intrusion attempts are recorded, along with detailed radar logs showing target position.

Scan-360 slews a PTZ camera to monitor and track targets. A variety of alarm signals may be generated based on target threat level, or proximity to priority zones.

Scan-360 operates at a different frequency to marine and navigation radars used on other boats, so is immune to interference



Scan-360 “Live Feed” display clearly shows the course taken by boats moving up and down the Thames during a regular working day. The two rows of red dots indicate the detected positions of both vessels as they traverse the 400m wide detection area. Scan-360 accurately determines the precise position even in the presence of small waves, choppy waters and wake from other vessels. Sophisticated digital processing results in a high detection rate.



## About Ogier Electronics

Ogier Electronics design and manufacture microwave technology for the Security, Transport and Broadband sectors.

Since 1993, our products have been installed throughout the UK, Europe, Middle East, Asia and America. We have a proud history of highly reliable and robust equipment. Our safety-critical systems, such as the in-cab CCTV used on the London Underground prevent injury to millions of people every day.

**For further information on the Scan-360 or to arrange a demonstration please contact us on +44(0) 1727 853521 or visit our website [www.scan-360.org.uk](http://www.scan-360.org.uk)**

The Scan-360 is designed, developed and manufactured in the UK.