Artisan is the most sophisticated radar in the Royal Navy’s fleet. Approximately five times more efficient than any previously in service on the Type 23 fleet.

The radar can identify a target the size of a tennis ball travelling at a speed of Mach 3 (over 2,000 mph), greater than 25km away.

Artisan’s range is between 200m - 200km. It can identify birds as well as larger potential dangers such as destroyers and aircraft carriers.

Artisan can track more than 900 targets at any one time.

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Artisan can operate in densely signal-populated environments and cut through interference equivalent to 10,000 mobile signals directed its way.

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The radar antenna weighs less than 700kg and the complete system can be installed in 21 days by a single team of engineers.