

20 May 2024

Steve Hall
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Dear Steve,

Information Request

I refer to your Official Information Act 1982 (OIA) request dated 16 April 2024, in which you requested:

Some time ago (and maybe still) some of the police cars were fitted with 3 roof mounted antennas. These were all identical in length, and in a triangular layout pattern. I suspect this was used for direction finding.

Can you please help with the following query?

What was the purpose of these antennas, and if used for direction finding, what did they track?

Police currently use multiple antenna configurations, due to the different networks utilised across New Zealand. The number of antennas fitted to a vehicle changes from vehicle to vehicle depending on the radio configuration, these numbers generally range from 2 to 4.

There is one antenna configuration that is in a triangular shape used for portable radio retransmitting. This is primarily in rural locations where there are extended lines of communication. All roof mounted antennas are used for radio communication systems and provide no tracking function.

I trust this information satisfies your request.

Yours sincerely



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