Challenge 3: Whine and Wiretap

Description:

Well done finding the meeting location. We now believe a burner device was left behind to relay updates back to O.C.T.O.P.U.S.

We need to intercept any remaining pings — and for that, we’ll need to identify the nearest registered cell tower to that location. Use public datasets or mapping tools to find the nearest cell tower's registered ID #.

Barcelona Wine Bar – Philadelphia, PA

What to Submit:

The FCC Registration Number of the closest registered tower.

Flag Format:

flag{RegistrationNumber}

Solution:

Using the information from the last challenge we know that the meeting location is the Barcelona wine bar. Its address is 1709 E Passyunk Ave, Philadelphia, PA 19148.

We have been asked to find the nearest registered cell tower. I am going to use a tool called antennasearch.com

A screenshot of a computer

AI-generated content may be incorrect.

Put the address of the Barcelona wine bar into the search. (1709 E Passyunk Ave, Philadelphia, PA 19148)

Resulting in the following:

A screenshot of a map

AI-generated content may be incorrect.

There are 287 towers listed. The instructions wanted the closest registered tower. This mean we should click on the first one American Towers Llc.

We get the following result when we click on results

A screenshot of a computer

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This gives us the towers Registration # 1279946. Which is the flag. flag{1279946}