

Valentines Day Tragedy

Hacktoria

≡ BRIEFING

Greetings, Special Agent K

We have received a distress call from Thalia one of our Analysts, who has been the victim of a criminal syndicate known as "The High Guard." Thalia was given a note by the kidnappers, but it is encoded with a complex algorithm that we have been unable to crack. We need your help in decoding the contents of this note in order to gain valuable information about the whereabouts of Thalia's lover and the inner workings of The High Guard. Your expertise in cryptography and code-breaking is essential to this mission. We believe that the encoded note contains key details about the location of the kidnappers and the safe return of Thalia's lover.

As always, Special Agent K, the contract is yours, if you choose to accept.

☰ MATERIALS

Detect the language or encoding

It looks like Asian writing like Japanese, Korean, Chinese...

Google Translate - KO

Dcode.fr - OK

<https://www.dcode.fr/reconnaissance-langue>

The screenshot shows the 'RECONNAISSANCE DE LANGUE' (Language Recognition) section of the dCode.fr website. At the top, there's a decorative image of a green Enigma-style cipher machine with the word 'CODE' visible on its face. Below it is a search bar with placeholder text 'Tapez par exemple 'cesar''. A large green button labeled 'COMMENCER' (Start) is prominently displayed. To its left, instructions say '1) Cliquez sur "Commencer" | 2) Lancer l'installation | 3) Bloquez les pubs et le malware'. The main area is titled 'DÉTECTEUR DE LANGUE D'UN TEXTE' (Text Language Detector). It displays a long list of text samples in various languages, such as English, French, German, and Spanish, followed by a large green button labeled 'DÉTECER LA LANGUE' (Detect Language). A red box highlights the 'COMMENCER' button.

<https://www.dcode.fr/identification-chiffrement>

The screenshot shows the 'RECONNAITRE UN CHIFFREMENT' (Recognize a Cipher) section of the dCode.fr website. It features a decorative image of a green Enigma-style cipher machine. Below it is a search bar with placeholder text 'Tapez par exemple 'scrabble''. A large green button labeled 'ANALYSER' (Analyze) is at the bottom right. To its left, instructions say '1) MESSAGE CHIFFRÉ À RECONNAÎTRE ?' (1) Encrypted message to recognize? and '2) INDICES/MOTS-CLÉS (FACULTATIF)' (2) Indices/Keywords (optional). The main area is titled 'IDENTIFIER DES SYMBOLES' (Identify Symbols). It displays a list of symbols and their meanings, such as 'chiffre ROT8000' and 'Codage Unicode'. A red box highlights the 'chiffre ROT8000' entry in the list, which is circled with a red number '3'.

<https://www.dcode.fr/chiffre-rot8000>

The screenshot shows the dCode ROT8000 cipher tool. At the top left is a decorative logo of a green scroll with the letters 'D CODE' and 'EUROPE'. Below it is a search bar labeled 'Rechercher un outil' with a placeholder 'Tapez par exemple "cesar"'. There are two buttons: 'RECHERCHE SUR D'CODE PAR MOTS-CLÉS' and 'PARCOURIR LA LISTE COMPLÈTE DES OUTILS'. The main title 'CHIFFRE ROT8000' is at the top right, followed by 'Cryptographie > Chiffrement par Substitution > Chiffre ROT8000'. Below the title are three tables representing the substitution cipher mapping. A large text area contains a message from 'The High Guard' about delivering a sum of €5,000,000 via Telegram. A red box highlights the secret string 'For Your Eyes Only'. To the right, under 'DÉCHIFFREMENT DU ROT8000', is a message in ROT-8000 ciphertext. A yellow button labeled 'DÉCHIFFRER' is present. At the bottom, under 'CHIFFREMENT AVEC ROT8000', is a text input field containing 'dCode ROT 8000'.

Rechercher un outil

★ RECHERCHE SUR D'CODE PAR MOTS-CLÉS :
Tapez par exemple 'cesar'

★ PARCOURIR LA LISTE COMPLÈTE DES OUTILS

Résultats

To retrieve the one you love, you must pay the price. The sum of €5,000,000 must be delivered to us in cash to the location specified in the following details of the note. Failure to do so will result in dire consequences. To prove your commitment, reach out to us via our Telegram service, "TheHighGuard_Bot" Then input the secret string "For Your Eyes Only" and you will be given further instructions. Do not attempt to involve the authorities or your loved one will suffer the consequences. We are always watching. -The High Guard.

CHIFFRE ROT8000

Cryptographie > Chiffrement par Substitution > Chiffre ROT8000

RECHERCHE SUR D'CODE PAR MOTS-CLÉS :
Tapez par exemple 'cesar'

PARCOURIR LA LISTE COMPLÈTE DES OUTILS

DÉCHIFFREMENT DU ROT8000

MESSAGE CHIFFRÉ PAR ROT8000

dCode ROT 8000

DÉCHIFFRER

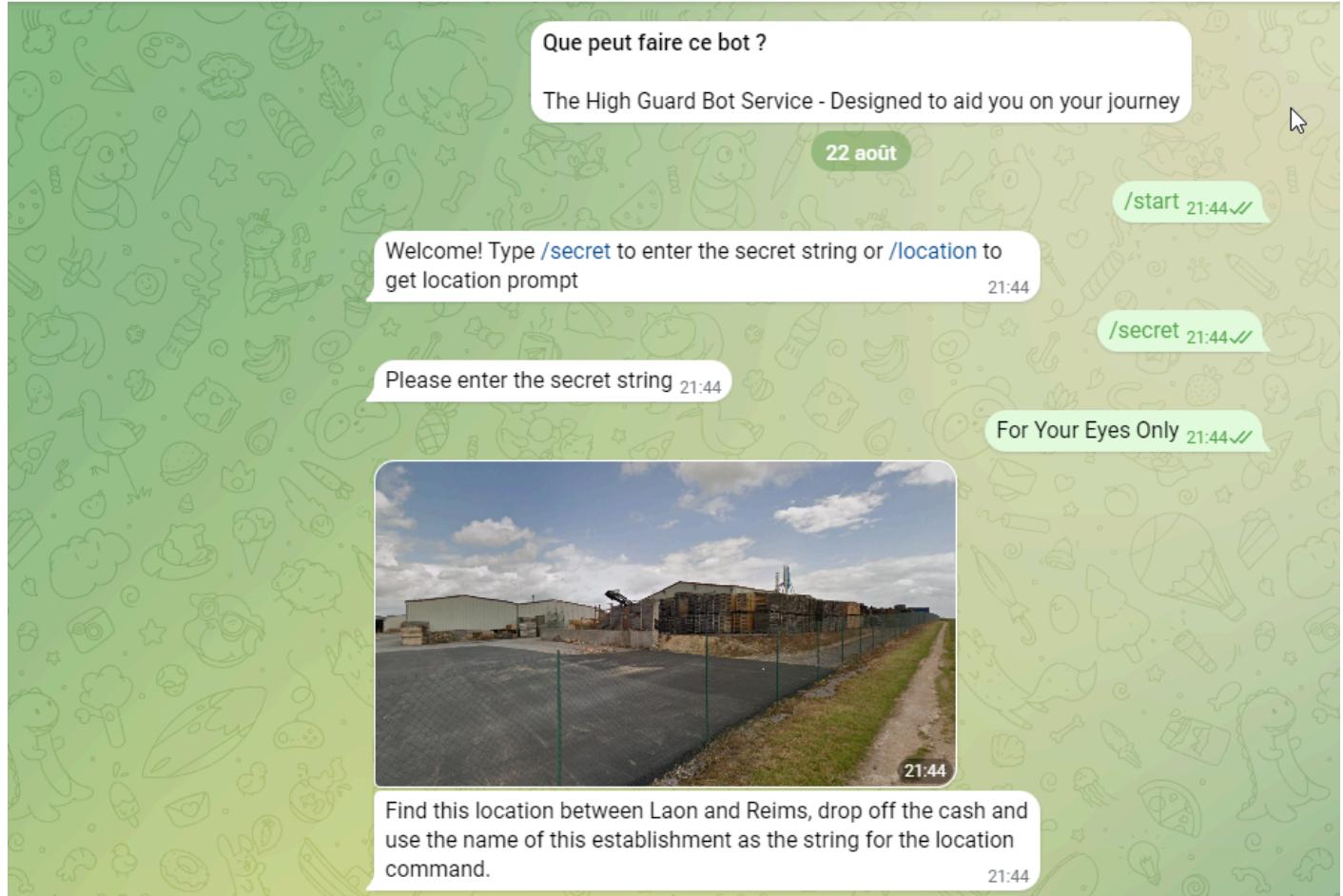
CHIFFREMENT AVEC ROT8000

MESSAGE CLAIR À CHIFFRER AVEC ROT-8000

Telegram

https://web.telegram.org/k/#@TheHighGuard_Bot

 Quantum
bot



So the location is between Laon & Reims

Image analysis

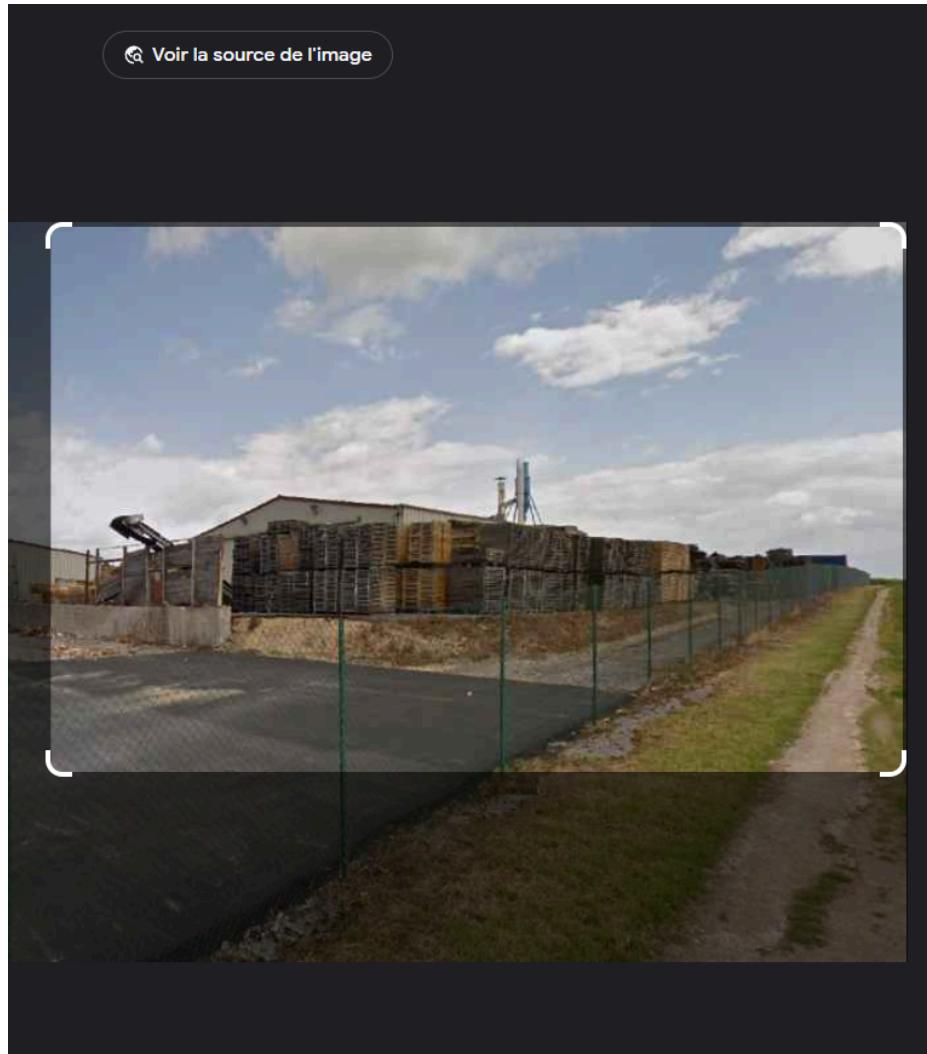


An industrial warehouse with a machine that cuts wooden pallets

Reverse Image

It takes me a lot of time to find the way.

I look for reverse image on yandex, google, bing and I found some keyword on some images :



Voir la source de l'image

Facebook Palettes Pays de Loire - PPL | La Séguinière

Facebook Trs Lequeux Vente de bois de chauffage ...

Mappy Etablissements Baret - Scierie, Rue Saint-Louis...

Opalis Urbastone | Opalis

France Travail Merranderie Bertrand / Tonnellerie de St...

AgriExpo Étable galvanisée - Wolf System GmbH

Wikipedia Fichier:Scierie châtillonnaise.jpg —...

Google maps lookup

I typed all the keywords found like stockage, wood, tonnellerie, palette, société bois, société de stockage with results kind of far away from the Laon/Reims way except 'scierie'

The screenshot shows a Google Maps search interface. The search bar at the top contains the query "scierie sur le trajet". Below the search bar, there are filters for "Note", "heures", and "Tous les filtres". A red arrow points from the search bar to the "chercher dans cette zone" button on the right.

Résultats

- Scierie Huberlant**
4,8 ★★★★★ (17) ⓘ
Scierie · Route de Cauroy-lès-Hermonville
03 26 61 30 29
- EURL Scierie du Plateau**
5,0 ★★★★★ (2) ⓘ
Scierie · Rue de la Scierie
Ouvert · Ferme à 16:00 ·
03 24 54 30 99
- Scierie de Coucy les Eppes**
5,0 ★★★★★ (2) ⓘ
Scierie · 225 Rue de la Scierie
Ouvert · Ferme à 16:30 · 03 23 24 20 42
- Lanzibois**
4,5 ★★★★★ (13) ⓘ
Scierie · ⚒ · 545 Rue André Godin
Ouvert · Ferme à 17:30 ·
09 83 76 26 12
Services sur place · Rendez-vous en ligne
- Scierie Mobile Baritussio**
Aucun avis
Scierie · 60 Rue Louis Pasteur la Neuvillette
03 26 85 69 90

The map shows a route from LAON (point 1) to REIMS (point 2). The route passes through several towns including Coucy-le-Château-Auffrique, Bruyères-et-Montbérault, Corbeny, and Villeneuve-sur-Aisne. Three specific locations are highlighted with yellow circles:

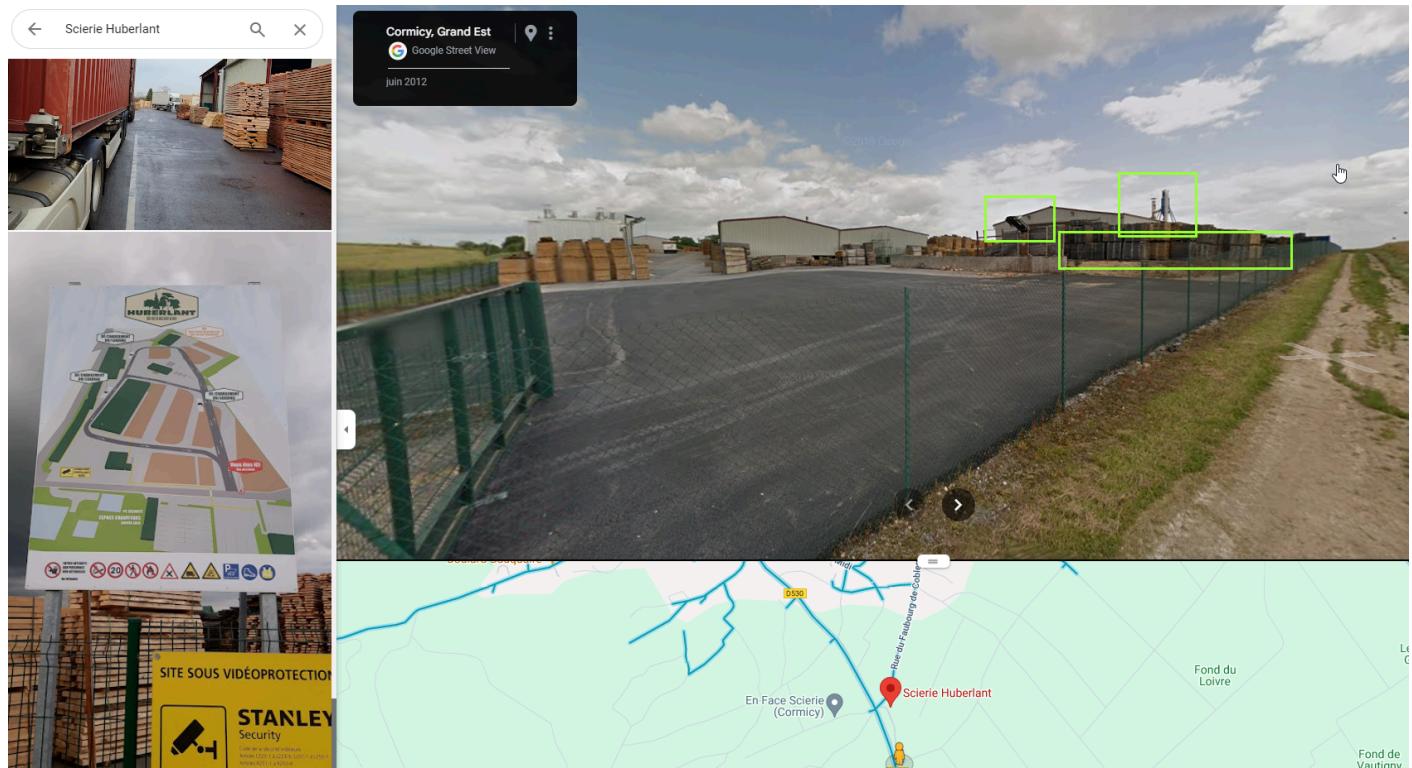
- Scierie Huberlant** (highlighted with a red circle labeled "CLOSEST TO MID DISTANCE")
- Scierie de Coucy les Eppes**
- Scierie Mobile Baritussio** (highlighted with a red circle labeled "REIMS")

A red arrow points from the "Ajouter une étape" button in the Scierie Huberlant listing to the "chercher dans cette zone" button on the map.

I knew i could find the image on google street view because I saw it on the picture:



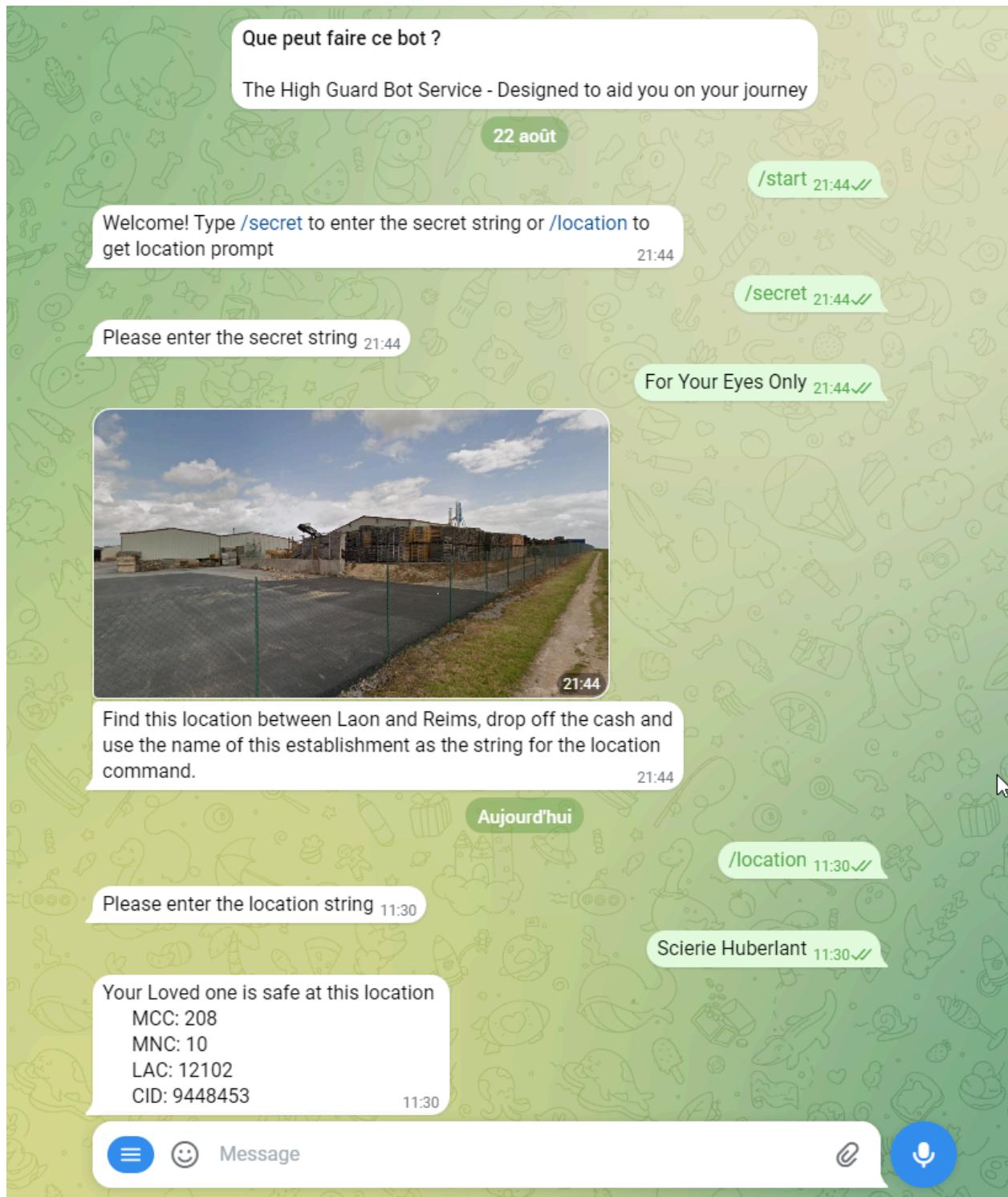
So I went for a little walk around the company



I had some fun, it was so nice.



Let's continue our adventure on Telegram:



Cell location lookup

What the heck, I know MCC is cellular but i asked my buddy

ChatGPT ▾

what is location

MCC: 208

MNC: 10

LAC: 12102

CID: 9448453



The details you've provided—MCC (Mobile Country Code), MNC (Mobile Network Code), LAC (Location Area Code), and CID (Cell ID)—are used to identify a specific cell tower or network within a cellular network.

Here's a breakdown of the codes:

1. **MCC (Mobile Country Code): 208**
 - This code indicates the country. MCC 208 corresponds to France.
2. **MNC (Mobile Network Code): 10**
 - This code represents a specific mobile network within the country. MNC 10 in France is assigned to Bouygues Telecom.
3. **LAC (Location Area Code): 12102**
 - This code identifies a specific area within the network where a cell tower is located.
4. **CID (Cell ID): 9448453**
 - This code identifies a particular cell tower or base station within the specified LAC.



Based on these codes, this cell tower is operated by Bouygues Telecom in France. The exact location would be more precisely determined by looking up the LAC and CID values in a cell tower database or using network-specific tools, as they map to physical locations and network areas.

what is the website



For accessing cell tower data based on MCC, MNC, LAC, and CID, several websites and services might be useful:

1. [CellMapper](#):

- Provides detailed information on cell towers and coverage maps for various regions. You can search for cell towers and see coverage areas, though detailed MCC, MNC, LAC, and CID information might require account access or contributions.

2. [OpenCellID](#):

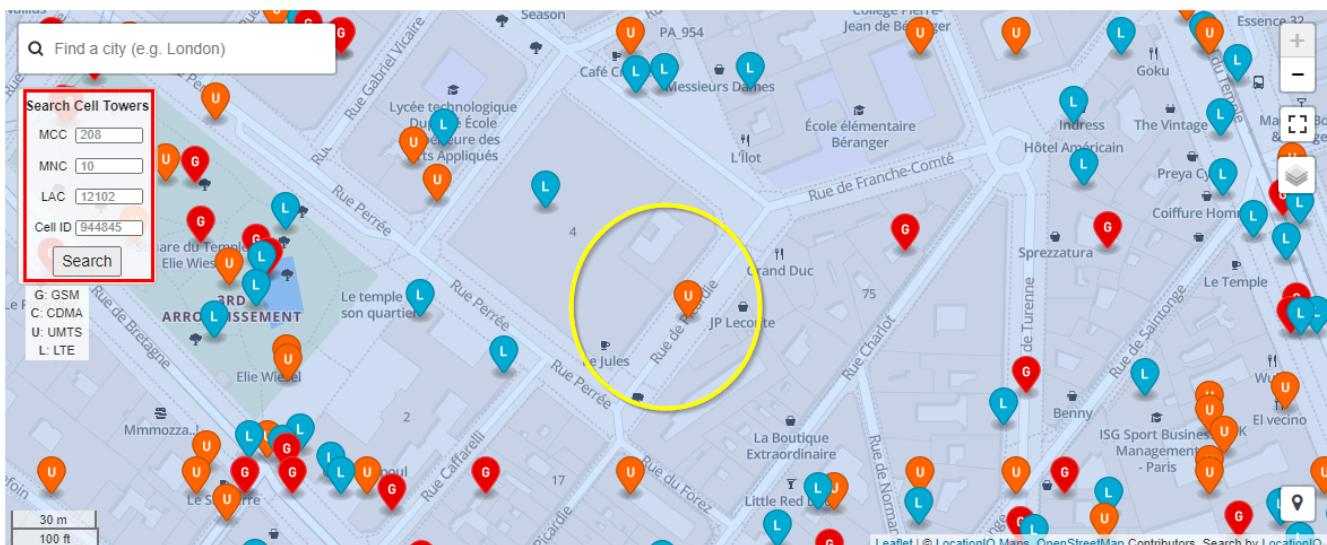
- An open-source database of cell tower locations. You can query the database using parameters like MCC, MNC, LAC, and CID. It's a good resource for finding the location of specific cell towers.

<https://opencellid.org/>



The world's largest Open Database of Cell Towers

Explore network coverage by operator and country, and more!



My Love I'm coming to you right now!

