

# Tiberian Order

## ROAD TO NOWHERE – Write-Up



Special Agent K, we'll be needing your assistance on a geolocation matter. One of our clients, a medium sized European government agency, has requested we find a needle in a haystack.

Our client is involved in fighting terrorist groups in Asia and Africa. Recently, they gained access to a Dropbox account filled with map data. Most of these seem to be related to safe houses used by a terrorist organization called "The Meercats". Indeed a strange name, but nonetheless, they mean business.

After having located most safehouses, our client is still struggling to locate a few of them. Since the operation to take down all of these locations needs to be synchronized. There's an urgent need to identify them all before the next phase can begin.

Below you find an image of what appears to be a village, with a red marker to indicate the exact location. It's your assignment to find where in the world this is. Currently we have reason to believe this is in Africa or Asia. But, given the organizations' widespread members, this is only a guess at this time.

Use the coordinates you find as the password to open the ZIP archive. Inside, you find the linkfile to your Contract Card as always. Also, we heard the number 1920 is of importance in this case...

## Firsts informations :

- « Currently we have reason to believe this is in Africa or Asia »
- « we heard the number 1920 is of importance in this case »
- « Dropbox account filled with map data. »

## Searching :

First thing, i download road-to-nowhere-challenge.jpg :



As it comes from a dropbox, maybe the file contains interesting information.

Nothing in Exif :

```
(kali@SCE-KALI)-[~/Bureau]
└─$ exiftool road-to-nowhere-challenge.jpg
ExifTool Version Number      : 12.44
File Name                    : road-to-nowhere-challenge.jpg
Directory                   : .
File Size                    : 293 kB
File Modification Date/Time  : 2022:09:02 12:41:55+02:00
File Access Date/Time       : 2022:09:02 12:45:03+02:00
File Inode Change Date/Time  : 2022:09:02 12:45:03+02:00
File Permissions             : -rwxr--r--
File Type                   : JPEG
File Type Extension         : jpg
MIME Type                   : image/jpeg
JFIF Version                : 1.01
Resolution Unit             : inches
X Resolution                 : 120
Y Resolution                 : 120
Image Width                 : 1083
Image Height                : 693
Encoding Process            : Baseline DCT, Huffman coding
Bits Per Sample             : 8
Color Components            : 3
Y Cb Cr Sub Sampling       : YCbCr4:2:0 (2 2)
Image Size                  : 1083x693
Megapixels                  : 0.751
```

Nothing with strings :

```
(kali@SCE-KALI)-[~/Bureau]
└─$ strings road-to-nowhere-challenge.jpg | more
JFIF
$3br
%&'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz
#3R
&'()*56789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz
r1_Mh?
0nMKs[
=4,~dRJ
`OP8
i0YY
LG2p
i> {x
Uct*p}
|?]W
@%-u^=
)rY.
_^XI
s Gq
```

I try Steghide without passphrase

```
(kali@SCE-KALI)-[~/Bureau]
└─$ steghide extract -sf road-to-nowhere-challenge.jpg
Entrez la passphrase:
steghide: impossible d'extraire des données avec cette passphrase!
```

... nothing.

I try with passphrase « 1920 » :

```
(kali@SCE-KALI)-[~/Bureau]
└─$ steghide extract -sf road-to-nowhere-challenge.jpg
Entrez la passphrase:
✦criture des données extraites dans "location.txt".
```

That's it ! I've got a new file « location.txt » :

```
(kali@SCE-KALI)-[~/Bureau]
└─$ cat location.txt
20.899370,95.118041,16
```

Now i've got the coordinates of Hnit Kyat Khwe, Myanmar (Birmanie) :

