



WRITE UP FOR STEALTH SIGNAL

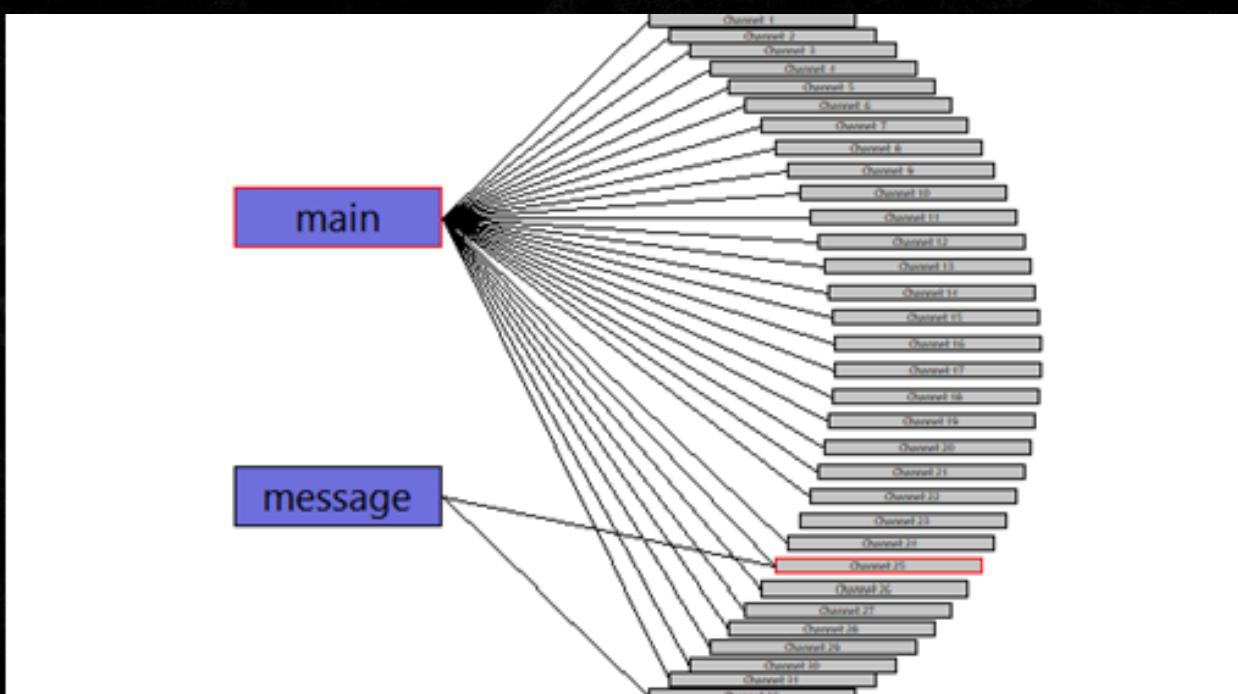
Contact :
contact@cybercohesion.com



Description :

you have been handed a radio communication of 2 fighter jets that went dark after a recon operation overseas on an unknown object!

We believe there was some type of communication from a nearby object but still, we need your expertise for this, So your mission if you choose to accept it is to find the hidden message transmitted!



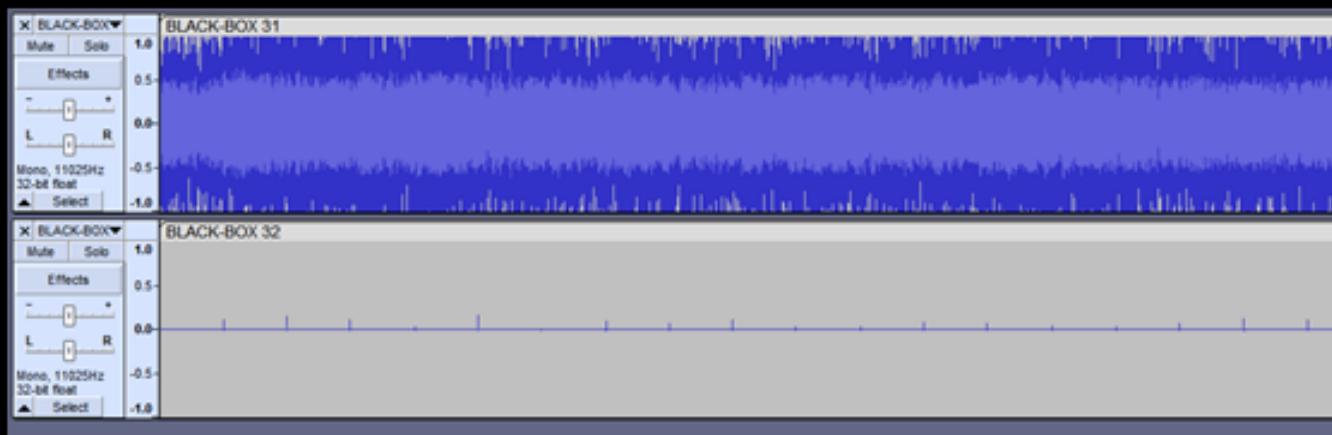
The main is the fighter jet radio communication.
message is the signals encoded which contain encoded message.

Message : anunexaminedlifeisnotworthliving



HOW/T0?

Using any tool that can show all channels of a WAV file we can see that the last channel has a different Amplitude, freq, etc..



- If we extract each of those values and know the amplitude is 1000, the silent duration gap is 1.4 sec and the sample rate frame is 44100. we will get an array of numbers which are representing the alphabet mapping that we know :

```
alphabet_map = {  
    'a': 1, 'b': 2, 'c': 3, 'd': 4, 'e': 5, 'f': 6, 'g': 7, 'h': 8, 'i': 9, 'j':  
    10, 'k': 11, 'l': 12, 'm': 13, 'n': 14, 'o': 15, 'p': 16, 'q': 17, 'r': 18,  
    's': 19, 't': 20, 'u': 21, 'v': 22, 'w': 23, 'x': 24, 'y': 25, 'z': 26}
```

- With a little check and padding verification of the values they are all multiplied by the amplitude «1000» and with the above mapping we can figure out the message was «anunexaminedlifeisnotworthliving»

- **Flag:**

```
Cyber_Cohesion{anunexaminedlifeisnotworthliving}
```



WARZONE

AND THAT WAS IT
for Stealth Signal !