

# HARM REDUCTION IN CRYPTOMARKETS: THE FINAL FRONTIER?

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# Crime displacement in digital drug markets

Isak Ladegaard

Boston College, USA Isak Ladegaard, Department of Sociology, 410c McGuinn Hall, Boston College, 140 Commonwealth Avenue, Chestnut Hill, MA 02467-3807, USA



## ARTICLE INFO

### Keywords:

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Cybercrime

Crime control

Crime prevention

Hot spot policing

Cryptomarkets

Information and communication technology

## ABSTRACT

**Background** Crackdowns on urban sites with concentrated criminal activity are sometimes followed by geographical relocation of crime. Is this also the case in cyberspace, where illegal websites and online networks can be wiped clean, but also quickly rebuilt and replaced on new servers and URLs?

**Methods** I address this question in three steps. First, I measure MDMA trade in a large digital market for drugs, before and after the arrest of a leading MDMA seller in the same market. Second, I count the number of available digital drug markets and vendor shops in the period February 2014–June 2018, to see if websites closed by police were replaced by new ones. Third, I track the digital movement and trading activities of individual drug sellers, before and after law enforcement shut down two large markets.

**Results** After police arrested a leading MDMA seller, other MDMA sellers filled most – but not all – of the gap. A major law enforcement crackdown reduced the number of available markets, but new ones were created, and market counts eventually surpassed the previous peak. When law enforcement shut down two big markets, many of the sellers relocated to other e-commerce sites and continued high-earning operations there.

**Conclusion** Arrests and market closures redirect digital drug trade to other sellers and markets. Hot spot policing in cyberspace might produce temporary results, but is arguably ineffective in the long run, as actors use information and communication technology's unique capacities to reorganize.

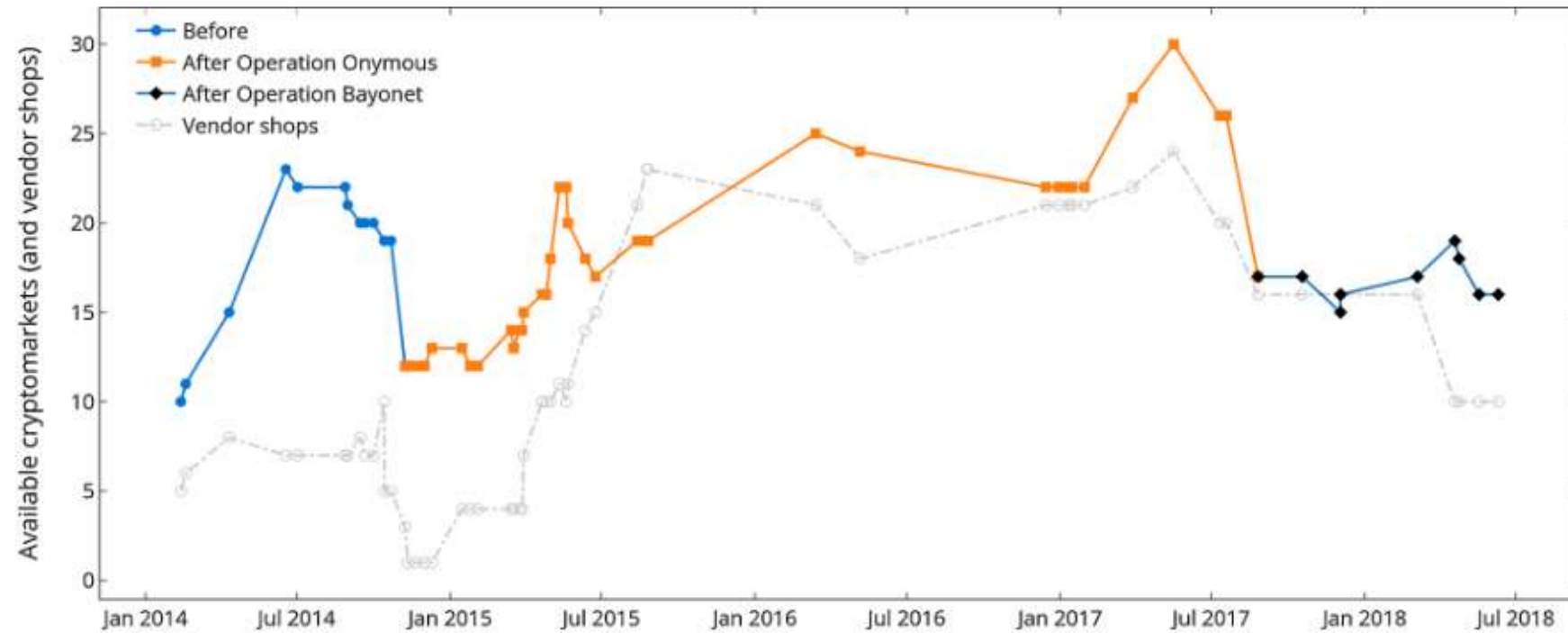
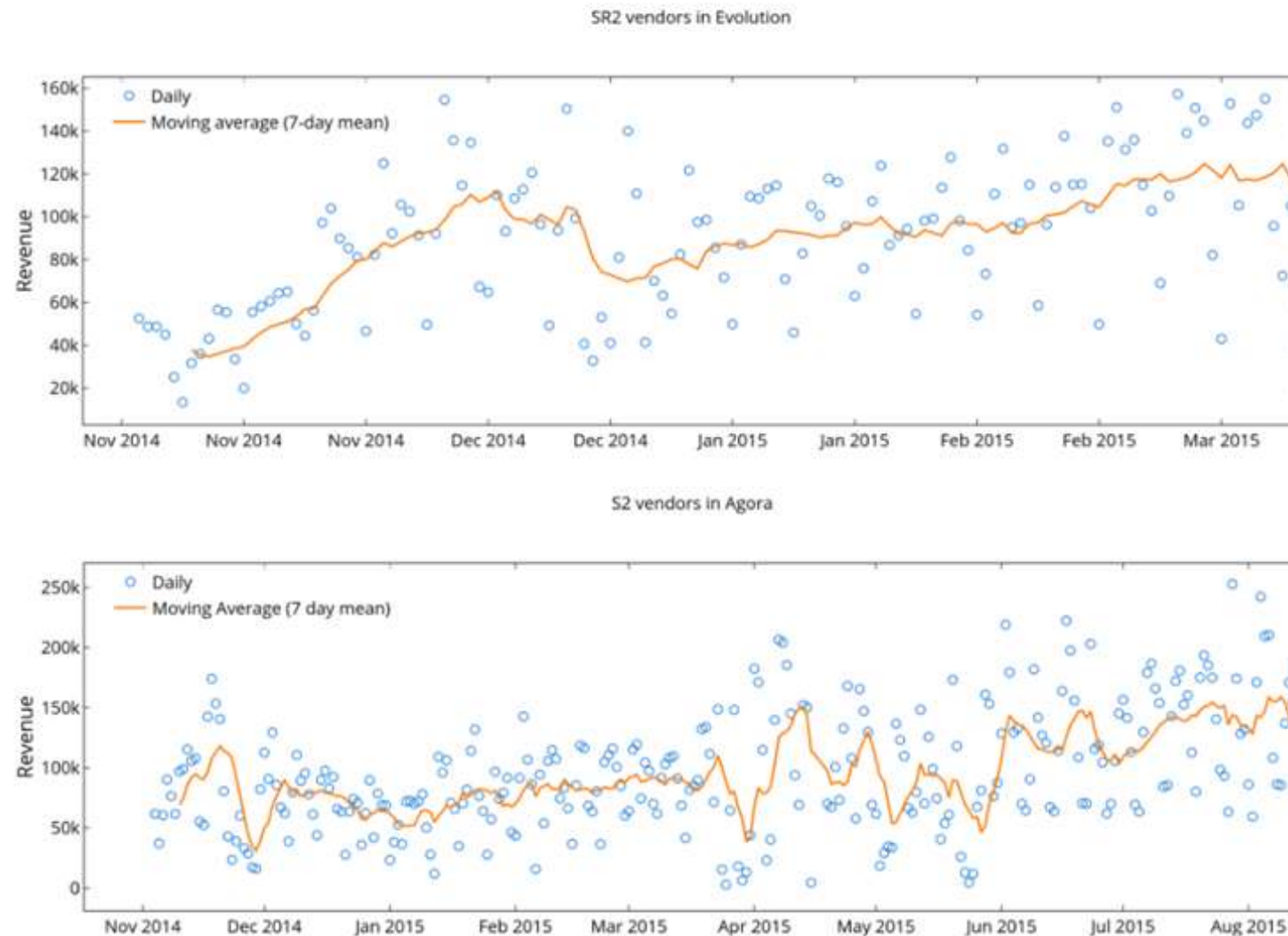


Fig. 4. Number of available cryptomarkets and vendor shops before and after two law enforcement operations.



**Figs. 6 and 7.** Silk Road 2 vendors continued to trade for many months in at least two other markets in the cryptofield. The mean revenue for all SR2 vendors in Evolution (top), in aggregate, was \$89,500 per day. In Agora (bottom), the daily mean was \$95,000.



# THERE IS A LACK OF EVIDENCE LAW ENFORCEMENT ACTION HAS A SIGNIFICANT LONG-TERM IMPACT IN CRYPTOMARKETS' ACTIVITY

## Abstract

### Objective

To examine the effect on the trade in opioids through online illicit markets ("cryptomarkets") of the US Drug Enforcement Administration's ruling in 2014 to reschedule hydrocodone combination products.

### Conclusions

The scheduling change in hydrocodone combination products coincided with a statistically significant, sustained increase in illicit trading of opioids through online US cryptomarkets. These changes were not observed for other drug groups or in other countries. A subsequent move was observed towards the purchase of more potent forms of prescription opioids, particularly oxycodone and fentanyl.

## ABSTRACT

**Introduction:** Online drug markets operating on the 'darknet' ('cryptomarkets') facilitate the trade of illicit substances at an international level. The present study assessed the longitudinal impact on cryptomarket trading of two major disruptions: a large international law enforcement operation, *Operation Onymous*; and the closure of the largest cryptomarket, *Evolution*.

**Methods:** Almost 1150 weekly snapshots of a total of 39 cryptomarkets were collected between October 2013 and November 2015. Data were collapsed by month and the number of unique vendor aliases operating across markets was assessed using interrupted time series regression.

**Results:** Following both *Operation Onymous* and the closure of *Evolution*, significant drops of 627 ( $p=0.014$ ) and 910 vendors ( $p<0.001$ ) were observed, respectively. However, neither disruption significantly affected the rate at which vendor numbers increased overall.

**Conclusions:** *Operation Onymous* and the closure of *Evolution* were associated with considerable, though temporary, reductions in the number of vendors operating across cryptomarkets. Vendor numbers, however, recovered at a constant rate. While these disruptions likely impacted cryptomarket trading at the time, these markets appear resilient to disruption long-term.

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**Abstract** In recent years, there has been a proliferation of online illicit markets where participants can purchase and sell a wide range of goods and services such as drugs, hacking services, and stolen financial information. Second-generation markets, known as cryptomarkets, provide a pseudo-anonymous platform from which to operate and have attracted the attention of researchers, regulators, and law enforcement. This paper focuses on the impact of police crackdowns on cryptomarkets, and more particularly on the impact of *Operation Onymous*, a large-scale police operation in November 2014 that targeted many cryptomarkets. Our results demonstrate that cryptomarket participants adapt to police operations and that the impact of *Operation Onymous* was limited in time and scope. Of particular interest is the finding that prices did not increase following *Operation Onymous*, even though many dealers retired shortly after it occurred.

- 1) Martin J, Cunliffe J, Décary-Héту D, Aldridge J. Effect of restricting the legal supply of prescription opioids on buying through online illicit marketplaces: interrupted time series analysis. *BMJ*. 2018 Jun 13;361:k2270. doi: 10.1136/bmj.k2270. PubMed PMID: 29899119;
- 2) Van Buskirk J, Bruno R, Dobbins T, Breen C, Burns L, Naicker S, Roxburgh A. The recovery of online drug markets following law enforcement and other disruptions. *Drug Alcohol Depend*. 2017 Apr 1;173:159-162. doi: 10.1016/j.drugalcdep.2017.01.004. Epub 2017 Feb 20. PubMed PMID: 28259089.
- 3) Décary-Héту, D. & Giommoni, L. *Crime Law Soc Change* (2017) 67: 55. <https://doi.org/10.1007/s10611-016-9644-4>

**CHARGES DROPPED AGAINST TEEN IN BAVARIAN ECSTASY TRAFFICKING CASE**

Earlier this year, a Neuburg man was arrested and accused of ordering more than 250 ecstasy pills fr...

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VISIT:



## MARKETS LIST &amp; AVAILABILITY STATUS

## TOP MARKETS!

Dream market - 98.34%

Wall Street Market - 97.31%

Point / Tchika Free Market - 93.98%

## INVITE / REFERRAL MARKETS

Rapture Market - 96.68%

## MARKETS





**DEE.DOT.WEB**  
Official hidden service  
DeepDot35Wvmeyd5.onion



## THIS SITE HAS BEEN SEIZED

by the FBI pursuant to a seizure warrant obtained by the United States Attorney's Office for the Western District of Pennsylvania, the U.S. Department of Justice's Computer Crime and Intellectual Property Section and the Organized Crime and Gang Section under the authority of 18 USC 1956(h), 981, 982 and in coordination with European law enforcement agencies acting through Europol in accordance with the law of European member states.

**EUROPOL**

**POLITIE**



Bundeskriminalamt

**NCA**  
National Crime Agency



## dark.fail: Is a darknet site online?

Updated Mon, 13 May 2019 12:26:22 UTC

**Empire Market links** updated and PGP verified May 12 00:45 UTC 2019. A selfish DDoS attacker is holding most major darknet sites offline right now.

**DeepDotWeb Seized:** [International Law Enforcement Seizes DeepDotWeb, Arrests Admin](#)

**WALL ST MARKET** was seized by law enforcement after pulling an exit scam. **DREAM MARKET** is no longer trusted.

Install [Tor Browser](#) to explore the darknet. Set darkfailllknf4vf.onion as your home page to save time.

Links are PGP verified and unclickable for your safety. dark.fail's [philosophy](#) and [finances](#)

### Dread

Offline <http://dreadditevelidot.onion>  
<http://ni5rwt4p4i6gvsmtw6fp25rdlnp6ug2exdgg6v3h4mnb7xagz2xgp5>  
<http://f5wvwpkods3oycpzgs4svvtaj4ddlnfdmz3mobehkrzx4zbgkvuatd>  
<http://s1laimcag2562t5zfxlrs63hauhe3hifoxenthaehhmenk3n1vi5>

### Masterlist

- <http://masterlistwtzfzgt.onion>
- <http://2222222222qerho.onion>

### The Hub Forum

- <http://thehub7xbw4dc5r2.onion>

### Empire Market

Offline <http://empiremktxgiovhm.onion> <http://wlrxl5lvyn5kiwir.onion>  
<http://u6sjsxurjkxym2c3c.onion> <http://tit4p5joxgkt5c2f.onion>  
<http://r4cotofu2di25uxb.onion> <http://nckrqgdbosvjxup2.onion>  
<http://frf2c4u36n4gga4a.onion> <http://dku65f7fwaqyomc.onion>

### The Majestic Garden

- <http://p6afzcaghpulzr5r.onion>
- <http://ir5aduqnh3xxuzb4.onion>

Offline <http://kznm6basvxxdcpf.onion> <http://2oyvwmtzdelmiei.onion>  
<http://nzlbyrcvvtgrkxiu.onion> <http://talismanrestz7mr.onion>

Offline <http://cgmcoopwhempo6a5.onion> <http://greenroomtewvwn.onion>

### Tochka Market

- <http://tochka3evlj3sxdv.onion>
- <http://pointgg344ghbo2s.onion>

### Nightmare Market

- <http://nightmareocykhgs.onion>
- <http://ykmwa3kkyvgzyipo.onion>
- <http://2rkqcy5bowfklwjc.onion>
- <http://nfqhjfggilqxr7t.onion>
- <http://4iyuyc6vachjawhg.onion>
- <http://lwq757ih2y2jnerx.onion>
- <http://pgn2eqbwbebdhev.onion>
- <http://36ovvt3xinc7m7ct.onion>
- <http://tny4avpz5w7gkonz.onion>
- <http://4afncp4ix2oo43r4.onion>
- <http://agpa7pmeokjyjoae.onion>
- <http://65bsun62vsydcndp.onion>
- <http://lqhtjsjs3s3mf5b.onion>
- <http://sy74pzse4nvzaho.onion>
- <http://oyqfhp3h5yo3kvse.onion>
- <http://sh4eul2h2g3d2mtu.onion>
- <http://cbqozb75kjiwqhcn.onion>

Offline <http://cpzj52bfygtfzxs7.onion> <http://knfhklmozcz7hslv.onion>  
<http://w5ovexiotig6hnc3.onion>

### Nightmare Market Forum

- <http://uiou5sidva7ylu4x.onion>

### Libertas

- <http://ksglfp7cocilwxn.onion>

Offline <http://by6zrgpfz734altp.onion> <http://cy6iycsf3lcb55h.onion>  
<http://x6zxsyovcvl2bvc.onion> <http://2pbromreoza4i3fc.onion>  
<http://n6ageq7q4b6s6fc4.onion> <http://libertyimuhz12kz.onion>  
<http://shuicrugvzx44sjk.onion> <http://uuihlwz2zhmk7m4.onion>

### Libertas Market

Offline <http://27zz76h6izsbnbv7.onion>

### Core Market

Offline <http://ci74jyfybriinxyiy4p37u7knknj3izixx6ep3oajkn72inmucufd>  
<http://asadckhbdaggggggagf3u3fuhayufekuywag7gwwid5gktrahb>



EUR USD GBP CAD AUD RUB CNY

107,199 listings - Sort by: [Vendor Rating](#) - [Price \(Ascending\)](#) - [Price \(Descending\)](#)

Drugs	67,787
Digital	28,859
Fraud	6,313
Services	2,085
Physical	2,047
Other	108

USA	21,391
Worldwide	18,338
UK	12,826
Unknown	11,309
Germany	10,017
Netherlands	9,379
EU	5,911
Australia	3,569

69 more...

Dream	76,180
Worldwide	18,338

1 2 3 4 5 ... Next > Last »

### Management Asia Pacific 6e 2017

2,85 € - [pckabml](#) (4350, 4.97) - WORLDWIDE - Digital Goods / E-Books - Dream

### Beyond BIOS 3rd edition 2017

2,80 € - [pckabml](#) (4350, 4.97) - WORLDWIDE - Digital Goods / E-Books - Dream

### Codeine hemihydrate 12.8mg price per strip(4)

0,00 € - [akala70](#) (0, 5.0) - UK - Drugs / Opiates - Wall St.

### Change ANY School Grades USA only

74,04 € - [thegame](#) (24, 2.2) - UNKNOWN - Guides & Tutorials / Hacking - Wall St.

### CHINA WHITE

0,00 € - [sedect](#) (0, 0) - ITALY - Drugs / Opiates - Wall St.

### 5mg | Attentin | Dexamphetamin | Medical Quality from Germany

0,00 € - [drugscout21](#) (0, 0) - GERMANY - Drugs / Stimulants - Wall St.

### AAA+ Malana Hash - Top Quality

0,00 € - [Basementpharmacy](#) (0, 1.0) - USA - Drugs / Cannabis - Wall St.

### Adderall IR 20mg- \$12 ea- USPS Priority

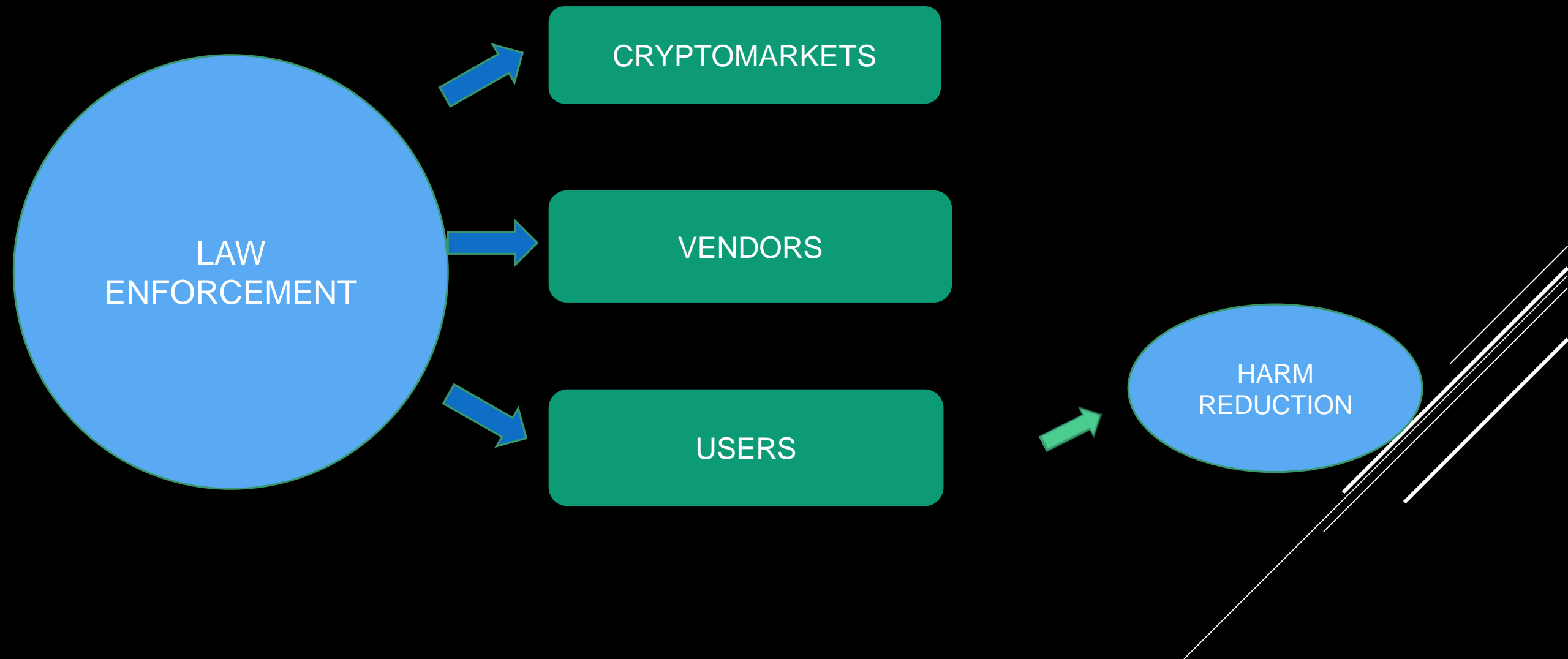
0,00 € - [farmsource](#) (0, 0) - USA - Drugs / Pharmaceuticals - Wall St.

### FULLZ Female 750+ Credit & BG Reports, SSN, MMN, D

35,15 € - [e-Pal](#) (640, 4.75) - WORLDWIDE - Digital Goods - Dream

### PURE MDMA MOON ROCK 3.5g MULTIPLE TYPES

66,71 € - [TheGodfather](#) (170, 4.83) - CANADA - Drugs - Dream




A close-up, low-angle shot of Darth Vader's helmeted head and upper torso. He is looking directly at the camera with a stern expression. The lighting is dramatic, highlighting the metallic textures of his armor and the iconic breathing apparatus. The background is dark and out of focus.

**ARE ALL VENDORS AND MARKETS ADMINISTRATORS  
EVIL IN ESSENCE ?**

**IS THERE A CHANCE FOR  
HARM REDUCTION?**

# CRYPTOMARKETS; ETHICS

- ▶ Cryptomarkets are based in trust and reputation
  - ▶ All these markets don't allow child pornography, weapons of mass destruction ,toxic biological material, traffic of human organs...
  - ▶ Some of these markets only offer drugs
  - ▶ Some of these markets also support Harm Reduction
- 



See Caudevilla Aff., at ¶ 5.

Dr. Caudevilla further explains that his contact with and assistance to Silk Road users was in part possible because “[t]he administrator pf the Silk Road site, Dread Pirate Roberts, was aware of [his] presence on Silk Road and was supportive of [his] role in furthering the harm reduction ethos of the site. *Id.*, at ¶6. Indeed, Dr. Caudevilla notes that he

Dread Pirate Roberts never censored my views or advice in any way, even when I espoused views that Silk Road users should not use or buy certain drugs sold on the site . . . , discouraged drug use, or helped customers to reduce or cease drug use entirely.

¶ 7. Around the same time, “Dread Pirate Roberts also sought to partner with [Dr. Caudevilla] to send the drugs sold on the Silk Road out to laboratories for independent testing as an effort to ensure that only safe, non-toxic substances were being sold on Silk Road.” *Id.*, at ¶ 8. That effort was halted only by the government’s seizure and discontinuation of the site in October 2013 following Mr. Ulbricht’s arrest. *Id.*

In fact, since that letter and the accompanying Declarations were filed, I received an e-mail from a former Silk Road user who related the following:

I can say without a doubt I [private message’d DPR and alerted him to the presence of DoctorX on the SR forum back in 2013. My first pm to him did not include a link to X’s thread, DPR pm’d me and asked for that link which I sent to him right away. Several days later I noticed a huge increase in thread views caused by DPR putting X’s thread up on the same page as the products were displayed. DoctorX went from working to keep his thread from dropping down to dead thread land, to a sticky on the main page. Huge change due to DPR seeing his importance as a harm reduction specialist.

Far as X goes, I can say he inspired me to quit drugs and follow the golden rule. I helped him a little bit with some English translation issues.

FIGURE 7.1  
Number of questions answered by month

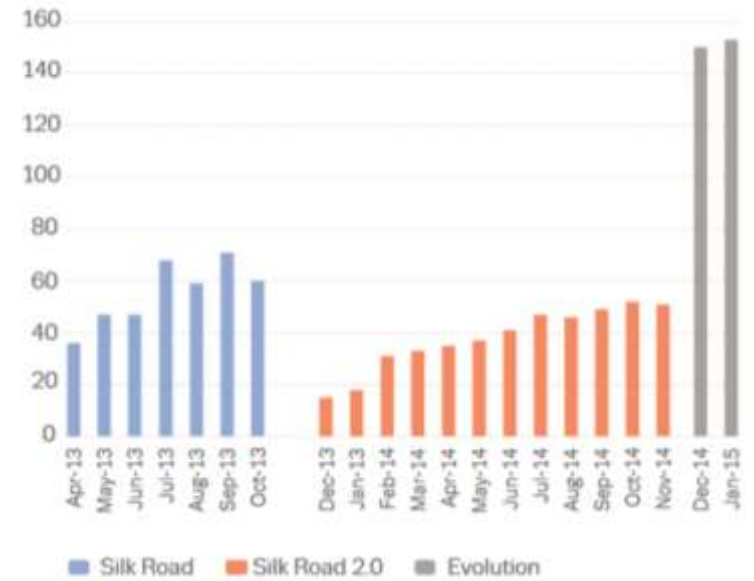


TABLE 7.1  
Summary of activity in an online health service for deep web drug users

Market	Dates	Number of questions (public)	Number of questions (private)	Total visits
Silk Road	Apr. to Oct. 2013	321	67	36 438
Silk Road 2.0	Dec. 2013 to Nov. 2014	352	103	52 725
Evolution	Dec. 2014 to Feb. 2015	258	45	47 244 <sup>(1)</sup>

<sup>(1)</sup> Thread active; data up to 2/2/15.



# ENERGY CONTROL INTERNATIONAL

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We offer a Drug Checking Service in order to inform the users about the composition of the drugs and therefore are in a position to advise them on less risky taking of said substance. We also offer customized, noncommercial, and scientific drug information directed at drug users. The Drug Checking Service started operating in Spain from 1999 and since 2014 it is also offered as an [International Drug Testing Service](#).

## Our services



Energy Control provides an analysis service with the two most powerful analytical techniques available to analyze drug samples: Gas Chromatography coupled to Mass Spectrometer (GC-MS) and Liquid Chromatography coupled with Mass Spectrometer (LC-MS).

The service includes detection and quantification (%).

Technically we identify all compounds except salts, some sugars, organic solvents (methanol, hexane, acetone, etc.), gases (butane, propane, etc.) and heavy metals.

We can quantify most common substances, such as:

Ketamine

Cocaine

GBL

Toxic and common cocaine adulterants:

Levamisole, Procaine, Tetracaine, Lidocaine, Benzocaine, Phenacetin, Paracetamol, Caffeine

Common amphetamine and derivatives:

Amphetamine (speed), methamphetamine (meth, crystal meth), MDMA (ecstasy, molly), MDA

Toxic or common adulterants in amphetamine and amphetamine derivatives:

4-MA, BMA, PBMA, Fluoroamphetamines (our technique can detect and quantify fluoroamphetamines but not distinguish 2-FA, 3-FA and 4-FA), m-CFR, ephedrine, caffeine

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Our drug testing service is a harm reduction strategy specifically designed for final users. The results we offer are only valid if the sample used is exactly the same as the sample tested previously. None of our results can be used as a quality guarantee from any drug vendor or product. [Energy Control](#) declines all responsibility in this sense.

We offer two different options:

• **Testing fee (70 EUR)**: This includes all tests required to have a complete result: qualitative analysis and quantitative when possible, performed with GC/MS, LC/MS/MS, etc. depending on the sample. Results are received through e-mail in a test format.

• **Testing fee + PDF (120 EUR)**: This includes all the same tests, plus a complete PDF report including the raw graphs and data from the techniques used.

We can test plant samples (Cannabis including cannabis preparations, San Pedro, Rimosa sp., Ayahuasca, Mushrooms, Kratom, etc.), but they require us to perform an extraction that has an extra cost. We can also test for pesticides, heavy metals and special services on request. Please

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You can pay using Bitcoin, PayPal, or your bank account. You will find detailed instructions about our shipping address and proceeding during the process.

It's recommended to send the samples in a folded paper or zip bag rather than in a capsule. The tablets, blotters and microdots should be wrapped to prevent rupture and spillage.

- Powder/crystals: about 50 mg (0.25g)
- Pills, blotters, microdots: a whole one (not crushed)
- Liquids: about 2 milliliters, sent in a safe container (for example, but not necessarily, a testing tube)
- Vegetal material (weed and others): 500mg (0.3g)
- Hash and other cannabis extracts: 200mg (0.2g)

In case you know or suspect that your sample is extremely potent (active in micrograms as synthetic cannabinoids, fentanyl or fentanyl derivatives...) please use double zip and let us know in order to take additional security.



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# FENTANYL AND FENTANYL DERIVATIVES(1): ADULTERATED HEROIN SAMPLES FROM CRYPTOMARKETS

A DOCUMENT BY:

DOCTOR X AND HIS CHEMICAL BROTHERS & SISTERS

TECHNICAL REPORTS 001.- APRIL 2018

<https://energycontrol-international.org/>



## DOCTORX & HIS CHEMICAL BROTHERS AND SISTERS

"We have some fresh news from our friends of Energy Control International If you have visited Silk R...

DoctorX is Fernando Caudevilla. (Family Physician. Drug Expert MSc)

Chemical Brothers & Sisters are (in alphabetical order):

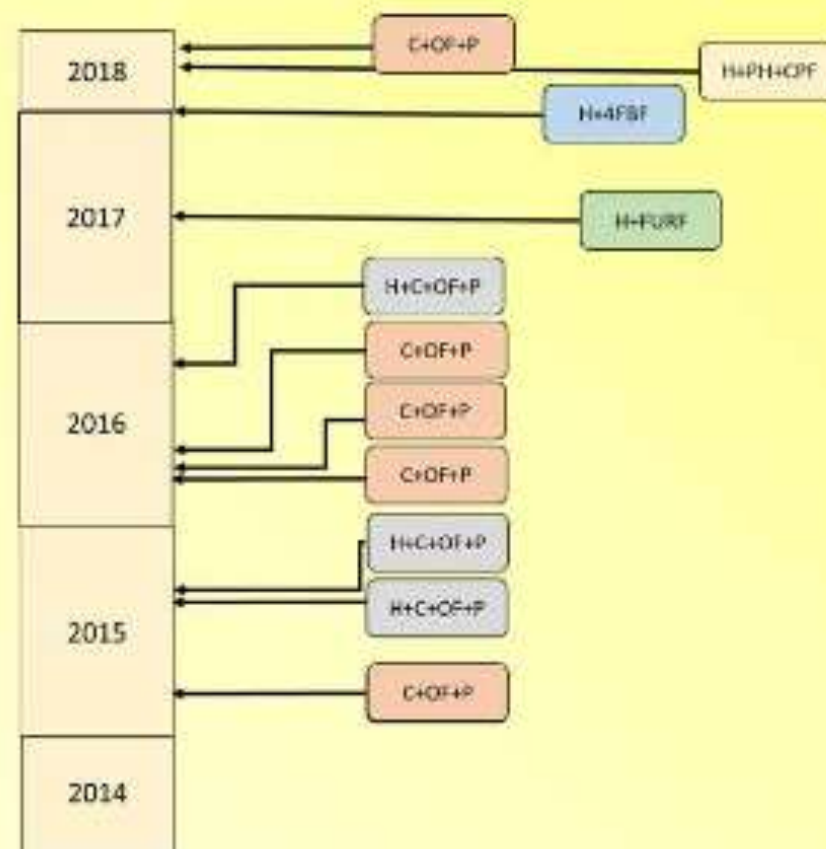
Captain Tryptamine:	is	Felix Tuidara (Chemist AD)
Daddy Poppy	is	Iván Fornis (Biologist MSc)
Lady K	is	Cristina Gil (Pharmacist MSc)
Miss Nexus	is	Ana Muñoz. (Public Health MSc)
Madame DMA	is	Mireia Ventura. (Pharmacist MSc, PhD)
Super Paper	is	Claudio Vidal. (Psychologist. MSc)



**TABLE 3: RESULTS FROM SAMPLES DELIVERED FROM CRYPTOMARKETS AS “HEROIN” ADULTERATED WITH FENTANYL DERIVATIVES**

Reference	Test result	Procedence	Additional information about market/ vendor
92745	Caffeine + Ocfentanil+ Paracetamol	Spain	No
94843	Heroin (16%) + Caffeine (26%) + Ocfentanil+ Paracetamol (32%)	France	Yes
94849	Heroin (3%) + Caffeine (27%) + Ocfentanil+ Paracetamol (33%)	France	Yes
97106	Caffeine + Ocfentanil+ Paracetamol	UK	Yes
97527	Caffeine + Ocfentanil+ Paracetamol	Spain	No
97581	Caffeine (29%) + Ocfentanil+ Paracetamol (23%)	France	Yes
100029	Heroin + Caffeine + Ocfentanil+ Paracetamol	Malta	No
104335	Heroin (8%) + Furanylfentanyl	Ireland	No
107458	Heroin (7%) + 4-Fluorobutylfentanyl	Spain	Yes
108763	Heroin (21%) + Cyclopropylfentanyl	Spain	Yes
109029	Caffeine + Ocfentanil+ Paracetamol	Spain	Yes

**FIGURE 6:  
Time- course of fentanyl derivatives adulterated samples**







# ENERGY CONTROL INTERNATIONAL SERVICE



HOT

- 20

WELCOME TO ENERGY CONTROL INTERNATIONAL SUBREDDIT  
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Great Idea keep up the good work  
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DoctorX & his Chemical Brothers and Sisters (Thx DeepDotWeb)  
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COMMUNITY DETAILS

MOD TOOLS



r/ECinternational

153

Subscribers

6

Online

Energy Control International SubReddit  
(<https://energycontrol-international.org/>)

SUBSCRIBED

CREATE POST

USER FLAIR PREVIEW

u/EC-International

ADD USER FLAIR

ADVERTISEMENT



## Contact vendor



User has been banned on 24/01/2018

**Username** Drugtrader (350) (4.62★)

**FE enabled** No

**Join date** 05/12/2017

**Last active** 20/01/2018 (131 days ago)

**Status** On vacation

Report Vendor

Add to favourites

Send message

Profile

Ratings

## Terms and conditions

Welcome to Drugstore.

We guaranteed the best products against the best prices.

In Stock:

- 1.# Uncut Peruvian Cocaine (Fishscale).
- 2.# Dutch MDMA 84% (different colors).
- 3.# Heroin #3 Afghan.
- 4.# XTC MDMA pills 220 mg Purple Bentley's.
- 5.# Crack Cocaine professionally cooked in ammonia.
- 6.# Dutch Speed pasta 70% (Amphetamine).
- 7.# Dry speed ready for use instantly.
- 8.# The best Moroccan Hash. (HIYA)
- 9.# Dutch Amnesia top quality weed.
- 10.# LSD tabs 220 ug very nice stuff.

Do not open links which you will find below. Most of the links are **phishing links**. Phishing links are leading to fake websites and stealing your login data.

Dream Market<sup>1</sup>

lchudifyeqm4ldjj.onion  
jd6yhuwcivehvd4.onion  
t3e6ly3uoif4zdw2.onion  
7ep7acrkunzdcw3l.onion  
vilpaqbrnvizecjo.onion  
igyifrhvnxq33sy5.onion

Established 2013

2018-05-20 16:48:19

**Gowron  
Market Support**

Registered: 2018-01-06  
Posts: 336

Dear Members,

Please be advised that as of 20th May 2018 the sale of Fentanyl [Fentanil] & Carfentanyl [Carfentanil] Products is no longer allowed as the ban for these products comes into effect.

Vendors were given warning of this deadline so should you see any of the above items still listed on the marketplace please report it immediately.

Thanks guys,

Stay Safe

*"The only way to deal with an unfree world is to become so absolutely free that your very existence is an act of rebellion"*  
~ Albert Camus

Report

Jump to

Announcements

Go

## ALERT: fake ALPRAZOLAM PILLS and POWDERS containing ANTIHISTAMINE mixture

by DoctorX | Jan 30, 2019 | News



### This is an alert from DoctorX & his Chemical Brothers and Sisters.

Our International Drug Checking Service has detected a dangerous adulteration in a serie of eight samples submitted as "alprazolam" for drug testing during the last month.

Our analyses have revealed no presence of this drug, but a mixture of promethazine, cyproheptadine and amantadine, with 2-6 additional unidentified substances in the following samples:

1) This pill was received in our headquarters on 3/Dic/2018, delivered from United States:

- It is a rectangular white tablet, divisible in 4 parts,
- weight: 223 mg,
- long: 15,99 mm,
- thickness: 3,41 mm.
- It mimics Xanax ® 2mg (commercial Pfizer brand for alprazolam) pharmaceutical grade pills, with a "XANAX"/"2" imprints



Another identical sample like this one was received in our National Drug Checking Service from Valencia (Spain) on 14/Jan/19

According to data available in [ecstasydata.org](http://ecstasydata.org), this same adulteration has been detected by the Swiss NGO [Saferparty](http://Saferparty.org) in two identical pills in Nov 2018 and Jan 2019



Another identical sample like this one was received in our National Drug Checking Service from Valencia (Spain) on 14/Jan/19

According to data available in [ecstasydata.org](http://ecstasydata.org), this same adulteration has been detected by the Swiss NGO [Saferparty](http://Saferparty.org) in two identical pills in Nov 2018 and Jan 2019

2) This sample was received in our headquarters on 15/Jan/19, delivered from United States.

- It is a rectangular green tablet, divisible in 3 parts
- weight: 274 mm
- It mimics Alprazolam 2mg generical pharmaceutical grade pills, with a "S/90/3" imprint in one side



3) Four additional samples from three different users have been received from 13/Nov/18 to 15/Jan/19 ( 3 from US, 1 from Hong Kong). These samples were submitted as alprazolam in powder and drug checking revealed the mentioned results with additional 3-6 unidentified molecules.

4) Test result of another powder sample submitted as alprazolam and received from Portugal on 28/Jan/18 reveals the presence of this combination (promethazine, cyproheptadine and amantadine + 2 unidentified substances) with the addition of chlorpheniramine.

Promethazine, cyproheptadine and chlorpheniramine are first-generation antihistamine prescription drugs, used to treat allergies, trouble sleeping, and nausea. They have been replaced by new antihistamine drugs with fewer adverse effects, less drug interactions and lower toxicity.

Amantadine was used as antiviral drug in the 1970s, and it is currently used only in some cases as a treatment for Parkinson disease.

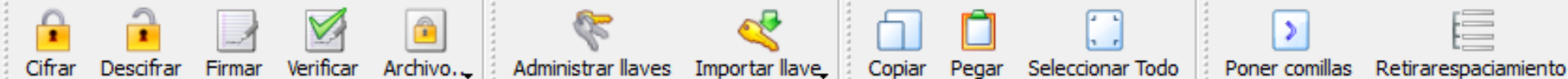
Our analytical techniques do not allow us to quantify these substances. Therapeutic dosages of promethazine (5-25 mg), cyproheptadine (2-10 mg) and chlorpheniramine (4 mg) are low. Amantadine interacts with antihistaminics, causing an increase in somnolence, drowsiness and other side effects.

So it is likely that the combination of these three substances in a same pill is intended to mimic sedative alprazolam effects. But risks of severe adverse effects and interaction with other therapeutic or recreational drugs seems important. At least in theory, this combination could trigger severe cardiac arrhythmias, especially in combination or after using stimulants ( methamphetamine, amphetamine, cocaine...).

We are still studying the meaning of presence of a variable number of unidentified substances (between 2 and 6) in samples tested. We think that presence of toxic drugs or uncommon psychoactive substances is unlikely, as our techniques allows us to detect more than 200.000 different compounds. It is likely that are by-products of these molecules but we will update in case we have additional findings.

According to reports provided by users, 2 of 6 samples were purchased through cryptomarkets. This has been confirmed by further contacts. The analysis of the global data available suggest that it is highly likely that these adulterated samples are (or at least were) sold through the internet.





\* sin nombre1.txt

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA512

iw7ossigzg4y65v55z3qbe5k25uwl2xuidpogrygfphtxkbwh4u6ad.onion  
qpwcsgvohcpv7u6jxl5vtm4abg2ysqg7vzxm5irx3jwoxhn36phfid.onion  
cojt2nykp6jbsgsqw24cv4p7yvqe4wf5ahdnze7spvk3nkykayvbh5qd.onion

-----BEGIN PGP SIGNATURE-----

Dear DoctorX:

I have received your warning. Let me explain you that I am a alprazolam vendor in Dream Marketplace.

I have sent this sample for Drug Checking. I have a batch of 10.000 of these pills but I am destroying them. You have my promise that I only want to offer pure alprazolam to my costumers.

I can provide you details about this problem and sources that dealers are using to obtain cheap and fake alprazolam powder, that they after press in pills

You can verify my PGP signature or communicate with Jabber in: |

iOT-BAERG-145FEFTQ-465465uL8/G16CEFFB-66TEA-NW100-AG-106CEFFB-mm  
fdeT  
TXW6pSjaoV1pI7IYWLwMtcuwWEJdUibbYF/DsgOMo2cbNt5G7baGIwi/J0G5F7Y  
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V7Dv5qZo0bVGh7zDbWEu1FghUzKOGBoMTZ3OLOTyw4Sssel6by4UJRLu3L8zDTSr  
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=cQOZ

-----END PGP SIGNATURE-----

FIG 1: SAMPLES SUBMITTED AS ALPRAZOLAM  
YEAR 2016 (n:37)

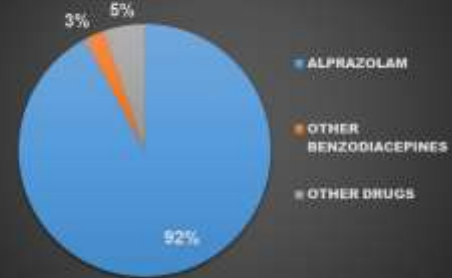


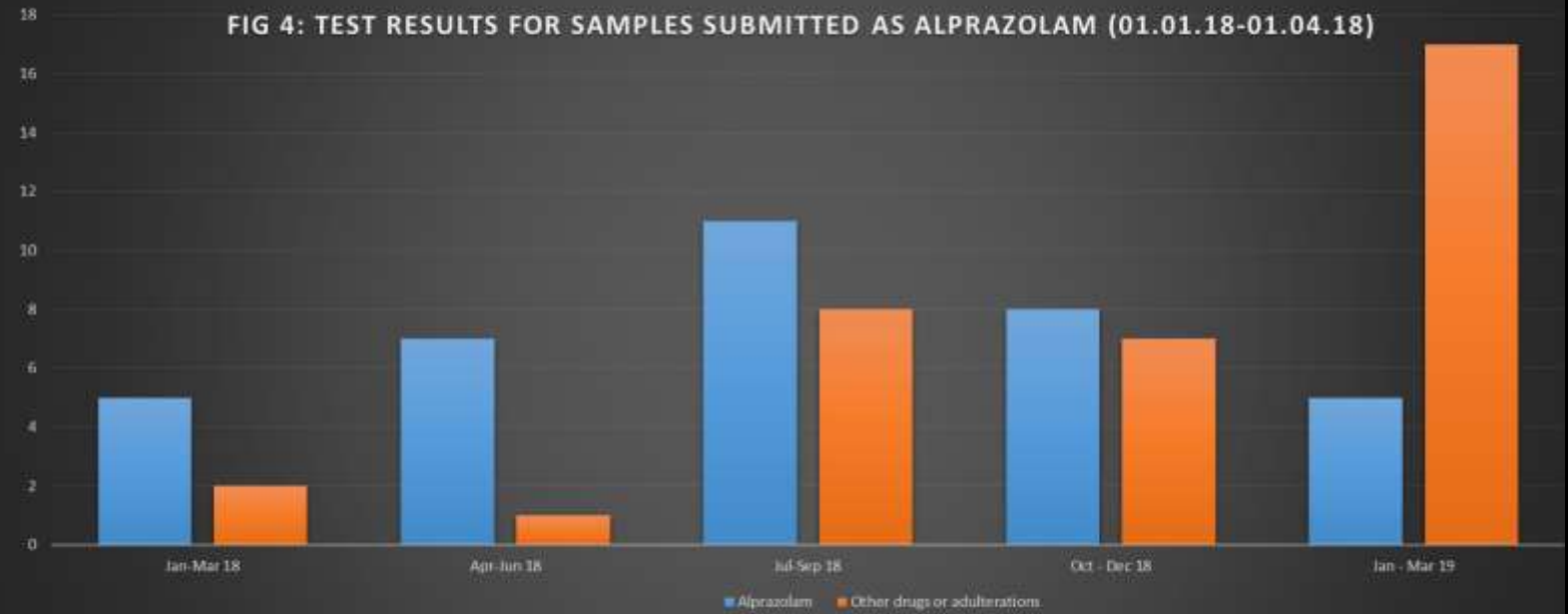
FIG 2: SAMPLES SUBMITTED AS ALPRAZOLAM  
YEAR 2017 (n:66)



FIG 3: SAMPLES SUBMITTED AS ALPRAZOLAM  
YEAR 2018 (n:50)



FIG 4: TEST RESULTS FOR SAMPLES SUBMITTED AS ALPRAZOLAM (01.01.18-01.04.18)

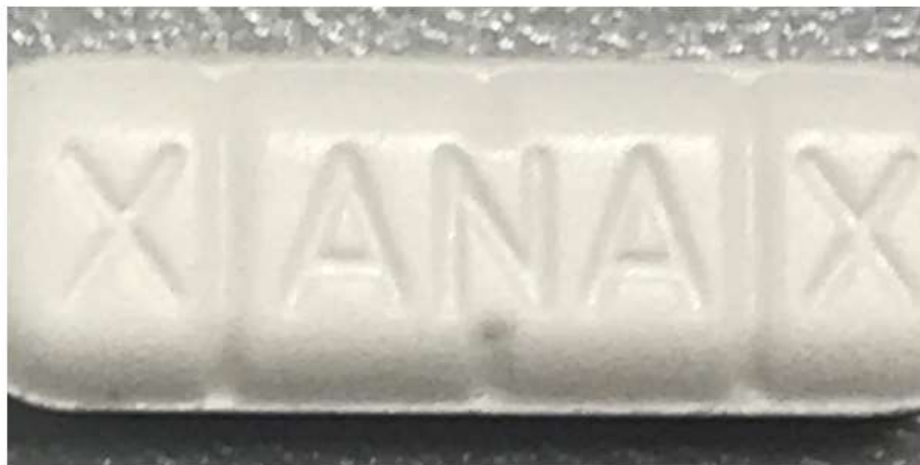


Substance	n
Alprazolam	31
Antihistamine mixture	11
Etizolam	3
Diclozepam	2
Flualprazolam	2
Flubromazolam	2
4-Chloroethcathinone	2

Substance	n
Clonazepam	1
Atomoxetine	1
Diphenhydramine	1
U-47700	1
Unknown Substance	1

## ALERT: Update on adulterated samples of ALPRAZOLAM

by DoctorX | Apr 6, 2019 | News



It mimics Xanax ® 2mg (commercial Pfizer brand for alprazolam) pharmaceutical grade pills, with a "XANAX"/"2" imprints



Our analytical techniques ruled out the presence of alprazolam or benzodiazepines, we were unable to clarify their exact composition.

Simultaneously another pill from the same batch was analyzed at **Wedinos** which revealed the presence of promethazine. They were reportedly purchased via Dream Marketplace from a seller called Benzo Boss (**Sample 663/45698/**, **Sample W010036**).

### This is an alert from DoctorX & his Chemical Brothers and Sisters (International Energy Control)

This report summarizes the changes detected by our International Drug Checking System (IDCS) during 2018 and first quarter of 2019, and updates our previous alert (30-Jan-19)

<https://energycontrol-international.org/alert-fake-alprazolam-pills-and-powders-containing-antihistamine-mixture/>

### 1.- Evolution of purity and adulteration in alprazolam samples :

Samples submitted as benzodiazepines to our IDCS are uncommon (2.4% of the total substances tested between 2014-2018). Alprazolam is the most frequent: 79.61% of the 222 samples received in this 4 year period, were submitted as "alprazolam".

From 2016-2018 we received 153 samples that allegedly contained alprazolam. Country of origin is summarized in Table 1.

TABLE 1: Origin of samples submitted for Drug Checking as Alprazolam

Country	2016	2017	2018
United States	13	25	24
Canada	10	14	6
Europe	9	14	16

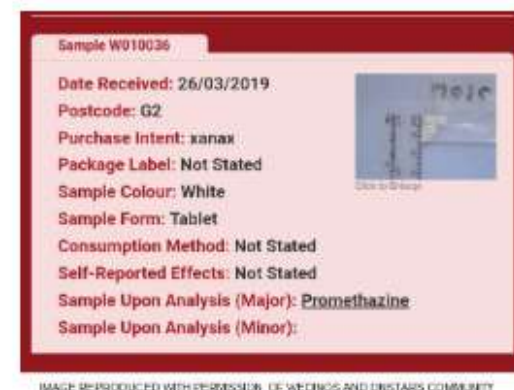


IMAGE REPRODUCED WITH PERMISSION OF WEDINOS AND DRUGS COMMUNITY


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Search:

Date Published	Lab	Vendor	Sample	Claimed Substance	Sample Code	Lab Code	Result	Substance Form
2019-04-25	Energy Control	Monoko	2mg Alprazolam Bar	Alprazolam	N/A	4992	Doxepin, Unknown	Pill
2019-04-25	Energy Control	Monoko	2mg Alprazolam Puck	Alprazolam	869	46177	Doxepin, Unknown	Pill
2019-04-25	Energy Control	Happy Shopper	2mg Alprazolam Bar	Alprazolam	906	46185	Etizolam [Not quantifiable]	Pill
2019-04-25	Energy Control	UKAlpzOfficial	2mg Alprazolam Bar	Alprazolam	891	46196	Doxepin Unknown Binder	Pill
2019-04-25	Energy Control	UKAlpzOfficial	2mg Alprazolam Bar	Alprazolam	890	46195	Doxepin Unknown Binder	Pill
2019-04-25	Energy Control	UKAlpzOfficial	2mg Alprazolam Bar	Alprazolam	889	46194	Doxepin Unknown Binder	Pill
2019-04-11	WEDINOS	Monoko	Xanax Bars	Alprazolam	W010139	N/A	Major: Doxepin Minor: None	Pill
2019-04-03	Energy Control	Happy Shopper	2mg Alprazolam Bar	Alprazolam	664	45699	Alprazolam 3mg	Pill
2019-04-01	Energy Control	BenzoBoss	2mg Alprazolam Bar	Alprazolam	663	45698	Unknown	Pill




14G Dutch MAde Critical+ Charas Hash EC Tested



**B0.04309**  
[Redacted]  
GB → EU  
[Order](#)

NO ESCROW


14g MDMA - Dutch Import ( EC Tested )



**B0.02154**  
[Redacted]  
(4.97★)  
GB → GB, IE  
[Order](#)

ESCROW


14G PURE CHAMPAHNE MDMA 92% (EC LAB TESTED) \*PROMO



**B0.0352**  
[Redacted]  
(4.95★)  
GB → GB  
[Order](#)

ESCROW

(10gr) Cola MDMA 80-84% ☆ \*EC TESTED\*



**B0.01073**  
[Redacted]  
NL → EU  
[Order](#)

NO ESCROW


500x FaceBook 220mg - Dutch Import ( EC Tested )



**B0.274**  
[Redacted]  
(4.97★)  
GB → GB, IE  
[Order](#)

ESCROW

78% EC TESTED 1g Indian S-isomer Rock Ketamine



**B0.00783**  
[Redacted]  
(4.91★)  
GB → GB  
[Order](#)

NO ESCROW

0.25g Ice Meth Shards - Dutch Import ( EC Tested )



**B0.00548**  
EnergyControlled (310)  
(4.97★)  
GB → GB, IE  
[Order](#)

ESCROW


(50x + 30% FREE) XTC 240mg MDMA ☆ EC TESTED



**B0.0315**  
HelloFresh (1650) (4.93★)  
NL → EU  
[Order](#)


NO ESCROW

(25x + 30% FREE) XTC 240mg MDMA ☆ EC TESTED



**B0.01636**  
HelloFresh (1650) (4.93★)  
[Order](#)

250x Brown Tesla 220mg - Dutch Import ( EC Tested )



**B0.1433**  
EnergyControlled (310)  
[Order](#)

78% EC TESTED 1g Indian S-isomer Rock Ketamine

### Product description

\* PRODUCT ADVERTISED \*

S-ISOMER ROCK KETAMINE (ENERGY CONTROL TESTED)

Batch Name: Rock Ketamine

Sample Code: [Redacted]

Substance: Ketamine

Lab Code: [Redacted]

EC Test Result: Ketamine 78%

20x FaceBook 220mg - Dutch Import ( EC Tested )



**B0.01527**

**£40.56**

Vendor

EnergyControlled (310) (4.97★)

Ships to United Kingdom, Ireland

Ships from United Kingdom

Escrow Yes

[View offer](#)

Sample Code: YIDP8201

Substance: Cocaine

Result: Cocaine 91%

(no adulterants were found)

All results can be confirmed by emailing - [international@energycontrol.org](mailto:international@energycontrol.org)

# Use and abuse of Drug Checking by cryptomarkets vendors

by DoctorX | Feb 25, 2019 | News

## This is an official statement by DoctorX & his Chemical Brothers and Sisters.

### 1.- Harm Reduction, Drug Checking and Cryptomarkets:

Our International Drug Checking Service was launched in 2014 to expand Energy Control's core Harm Reduction strategy worldwide. Cryptomarket users have been one of our main goals and in this period Energy Control International has gained enough reputation to be considered a trustworthy source of information.

The acceptance of Drug Checking Services (DCS) in International Drug Policy is, slowly but clearly, increasing worldwide. However, DCS have to adhere to some strict criteria. **One of them is that "final drug users" is the specific target to whom this intervention is directed.** Any single, specific test result is only representative for the sample the user provides us.

Things are more complicated in cryptomarkets. We insist in the idea that "a test result is only representative of a sample and can't be used as guarantee of a vendor or product".

### 2.- Drug Checking codes and vendors:

But we inevitably receive samples from vendors. And some vendors make these results public, announcing their products as "EC tested", and providing the (alleged) test result and the lab code.



Some vendors even invite users to contact us in our address to verify the result, a service that we have never announced we offer or proposed.



We want to clarify that this is not a general complaint against all vendors who test their products with our IDCS. We believe that the potential of vendors and cryptomarkets administrators as relevant harm reduction agents should be considered and evaluated.

We know vendors who check drugs to dismiss the presence of adulterated or toxic samples and to provide users accurate information to minimize the risk of intoxication. In our monitoring cryptomarkets activity, we have detected some vendors that announce in their pages that they are checking every new batch of their products, and the results that they publish are consistently updated and coherent with our databases. We insist in the fact that we cannot serve as a guarantee of a specific sample composition, but the above example has big differences with other situations we have detected, where vendors advertise their products as "Energy Control tested" as an implied endorsement.

IS

In some cases, the information about drug checking result available in vendor products (available through codes provided in their pages) is different to the code result in our database. By some strange, unknown cause, data in vendors pages are often around 10% higher than test results provided.

E.g., Vendor SomeFakeVendor announces in his shop:

- MDMA 83%. No adulterants. (lab tested Energy Control. Code: XXXX1111)
- Meth 85%. No adulterants. (lab tested Energy Control. Code: XXXX2222)
- Cocaine 74%. (lab tested Energy Control u. Code: XXXX3333)

In our database, we find that these three codes exist, but the real test results are:

- XXXX1111. MDMA 73%. No adulterants
- XXXX2222. Meth 75%. No adulterants.
- XXXX3333. Cocaine 63%. No adulterants.

### 3) Selective publishing of results ( vendors offering only one substance)

Some vendors offer just one product, announce it as "EC lab tested" and code provided and test result (in general, very high purity) is the same in our databases.

The problem arises when a more thorough search in our database reveals different samples associated to the same email addresses.

E.g. AnotherFakeVendor offers in his Nightmare Market account "EC lab tested 95% purity cocaine" in different quantities (1-2-5-10-100 grams). The lab code he provides (VVVV5555) is coincident with test result in our databases.

This result was associated to the email fakevendor@fake.com. The email is the only potentially personally identifying data we collect, and is only used to communicate results to the user, never shared with third parties and especially protected by GDPR EU laws.

Although only one result was shared on markets, in the past three months we have received 5 samples associated to that email address.

21/1/17	VVVV5553	Cocaine 61% + levamisol 12%
27/1/17	VVVV5554	Cocaine 78%
3/2/18	VVVV5555	Cocaine 95%
12/2/18	VVVV5556	Cocaine 80% + levamisol 6%
15/2/18	VVVV5557	Cocaine 83%

We do not know anything else about Fakevendor. They could be an honest vendor in search of the best cocaine available to sell in their shop, discarding lower purity results. However, they could instead be a vendor that published one code but is selling samples of different batches or qualities. Maybe they are not even a vendor, but their five sisters are, and unbeknownst to Fakevendor, they sent the samples using the same email address.

# GUIDELINES FOR MARKETS AND VENDORS

## Vendors

- ▶ Vendors using Drug Checking Service showing purity and lab codes should also:
  - ▶ link to our announcement “Use and abuse of Drug Checking by cryptomarket vendors”
  - ▶ To provide the date of drug checking
  - ▶ To suggest buyers to test samples
- ▶ Should provide resources about harm reduction:
  - ▶ Information
  - ▶ Links to fentanyl tests, syringes, naloxone
- ▶ Should warn about specific risks of some substances (NPS)

## Markets

- ▶ Harm reduction resources visible
- ▶ Include harm reduction work as a indicator of quality for vendors (not only number of sales, stealth...)
- ▶ Warn about risks of NPS
- ▶ Open communication channels with Drug Checking Services
- ▶ Protocolize interventions and actions in case of high toxic substance detection





Browse Market Categories

Drugs (22019)

- Benzos
- Cannabis
- Dissociatives
- Ecstasy
- Opioids
- Paraphernalia
- Prescription
- Psychedelics
- Steroids
- Stimulants
- Other
- Drug precursors
- RCs
- Weight loss
- Barbiturates
- Reagents

Fraud (1472)

- Accounts & Drops
- Cards & CVV
- Data & Scans
- Dumps
- Other

Services (321)

- Energy Control
- Other

Guides & Tutorials (1077)

- Drugs
- Fraud
- Hacking
- Security
- Other

Digital Products (2865)

- Databases
- E-Books
- Fraud Software
- Leaks
- Legit Software
- Software Keys
- Other

Counterfeit (823)

- Tobacco
- Clothing
- Fake IDs
- Jewelry
- Money
- Other

Hosting & Security (199)

- VPN
- Socks
- Hosting

Software & Malware (241)

- Botnets & Malware
- Exploit Kits
- Exploits
- Rats
- Security Software
- Other

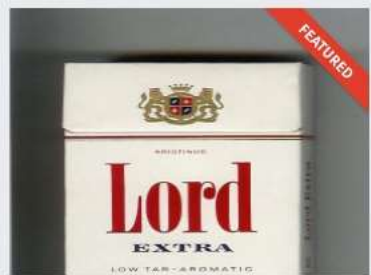
Erotica (461)

- Erotica

Miscellaneous (369)

- Miscellaneous

Just the best in our market...





26. On April 12, 2019, an FBI undercover employee in the Western District of Pennsylvania visited the DDW website and created an account on Tochka Market using the DDW referral link. Using the DDW-linked account, the FBI undercover employee purchased 10 grams of crystal methamphetamine at a cost of \$470.00.

28. On April 16, 2019, an FBI undercover employee in the Western District of Pennsylvania visited the DDW website and created an account on Wall Street Market using the DDW referral link. Using the DDW-linked account, the FBI undercover employee purchased the following items:

- a. 3.5 grams of heroin at a cost of \$82.38;
- b. 2 compromised credit cards at a cost of \$37.80; and
- c. 10 grams of cocaine at a cost of \$480.00.

If Law Enforcement can purchase drugs in cryptomarkets to do their job (shutting down cryptomarkets and arrest vendors)

....

Why Drug Checking Service can not use the same proceedings in order to achieve our objectives (detect high toxic adulterants...and save lives)?



BE CAREFUL NOT TO CHOKE ON YOUR OWN CONVICTIONS.

**TO BE CONTINUED...**