GCHQ, the British signals intelligence agency, prepared the following PowerPoint slideshow presentation for a top-secret intelligence conference in 2012, revealing a pilot program called Squeaky Dolphin.

Documents taken from the National Security Agency by Edward Snowden and obtained by NBC News detail how British cyber spies demonstrated to their U.S. partners in 2012 the ability to monitor YouTube and Blogger in real time and collect addresses from the billions of videos watched daily, as well as some user information, for analysis. At the time the documents were printed, GCHQ was also able to spy on Facebook and Twitter. Called “Psychology A New Kind of SIGDEV,” (Signals Development), the presentation includes a section that spells out “Broad real-time monitoring of online activity” of YouTube videos, URLs “liked” on Facebook, and Blogspot/Blogger visits. The monitoring program is called “Squeaky Dolphin.”

NBC News is publishing the documents with minimal redactions to protect individuals. NBC News has also withheld two slides for further review. The last five pages shown here are from an earlier GCHQ document in 2010.

Read the article online at investigations.nbcnews.com.
Psychology
A New Kind of SIGDEV
Establishing the Human Science Operations Cell
100bn
Psychology 101 concepts illustrated:

Extrovert

Introvert
Human Science?
Openness
Contentiousness
Extroversion
Agreeableness
Neuroticism
What can we tell?
SQUEAKY DOLPHIN

Can SIGDEV help us understand and shape the Human Terrain?

GTE=Global Telecoms Exploitation, a GCHQ unit that collects data from fiberoptic cables

Signals Development
Explain concept of SQUEAKY DOLPHIN – what we are monitoring, not interested in individuals just broad trends!
Explain screen grab, and describe some interesting examples.
Explain screen grab, and describe some interesting examples.
Explain the importance of context, and how passive is only part of the story. Need context to do effective BDA – passive doesn’t always provide this.
YouTube
Across the world on 13th February 2012: the 14th Feb & Syrian Rally

Tags
14FEB BAHRAIN MARCH RALLY
<table>
<thead>
<tr>
<th>Username</th>
<th>Text</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Right on bro</td>
<td>3 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username Yeah, so true! you mean I should be suspicious of you? or that @username should be challenged?</td>
<td>19 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username Yeah, so true!</td>
<td>10 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username you might want to be suspicious about @username &gt;&gt; what do you say @username?</td>
<td>11 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username auto-alert: am monitoring for spam.</td>
<td>11 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username you might want to be suspicious about</td>
<td>12 hours ago</td>
</tr>
<tr>
<td></td>
<td>RT @username @username auto-alert: am monitoring for spam.</td>
<td>5 Feb</td>
</tr>
</tbody>
</table>
Joint Threat Research Intelligence Group, a GCHQ unit focused on cyber forensics, investigations and covert operations.
Deliver messages and multimedia content across Web 2.0

Crafting messaging campaigns to go ‘viral’
CNIO
Twitter TDI Development

Need SIGINT coverage across protocols,
Not necessarily consistent with target SIGDEV priorities

This information is exempt under the Freedom of Information Act 2000 (FOIA) and may be exempt under other UK information legislation. Refer any FOIA queries to GCHQ.
CNIO
Twitter TDI Development

PPF application across 10G Environment

1272671024 81.169.145.25
128.242.240.20 6 55489 80 Login-twitter.com 31 solo_only@twitter.com
TDI-Scope 4 User Route 13
81.169.145.25 HHFP-Hash 8 38
4646d4 User-Agent 52 Twitter Tools
Geo-IP-Src 28
49.00:8.39 KARLSRUHE;DE;5MVV
Geo-IP-Dst 33 39.0062;-77.4288;STERLING;U
S:7LLM Event-security-label 6 10007F
Stream-security-label 10 400023E0FF

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CNIO
Twitter TDI Development

Given a country:

Who are the top Twitter Users?

Or given a user:

Are they really in Kawestan?

SIGDEV augments the IO process to aid targeting and takeup of message

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