Overall Briefing Classification Is

TOP SECRET//COMINT//NOFORN//X1
Relationships & Authorities

• Leverage unique key corporate partnerships to gain access to high-capacity international fiber-optic cables, switches and/or routers throughout the world
• Collection on U.S. soil is conducted under three different authorities:
  • **Transit Authority**: Collection of foreign intelligence communications which originate and terminate in foreign countries, but traverse U.S. territory
  • **Foreign Intelligence Surveillance Act (FISA)**: Court ordered collection (NSA/FBI/FISA Court)
  • **FISA Amendment Act of 2008 (FAA)**: Surveillance in the US when the target is reasonably believed to be foreign
**BLARNEY AT A GLANCE**

*Why: Started in 1978 to provide FISA authorized access to communications of foreign establishments, agents of foreign powers, and terrorists*

<table>
<thead>
<tr>
<th><strong>External Customers (Who)</strong></th>
<th><strong>Information Requirements (What)</strong></th>
<th><strong>Collection Access and Techniques (How)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of State</td>
<td>Counter Proliferation</td>
<td>DNI Strong Selectors</td>
</tr>
<tr>
<td>Central Intelligence Agency</td>
<td>Counter Terrorism</td>
<td>DNR Strong Selectors</td>
</tr>
<tr>
<td>United States UN Mission</td>
<td>Diplomatic</td>
<td>DNI Circuits</td>
</tr>
<tr>
<td>White House</td>
<td>Economic</td>
<td>DNR Circuits</td>
</tr>
<tr>
<td>Defense Intelligence Agency</td>
<td>Military</td>
<td>Mobile Wireless</td>
</tr>
<tr>
<td>National Counterterrorism Center</td>
<td>Political/Intention of Nations</td>
<td></td>
</tr>
<tr>
<td>2nd Party-GBR, NZL, CAN, AUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office of Director of National Intelligence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joint Chiefs of Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department of Homeland Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office of Secretary of Defense</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Atlantic Treaty Organization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Military Commands (Army, EUCOM)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Partnerships (Where)</strong></th>
<th><strong>Legal Authorities (Approvals)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NSA - SSO, TAO, NTOC, CES, A&amp;P...</td>
<td>NSA FISA</td>
</tr>
<tr>
<td>CIA</td>
<td>CT FBI FISA</td>
</tr>
<tr>
<td>FBI - Headquarters, NY, and DC</td>
<td>FISA Amendment Act (FAA)</td>
</tr>
<tr>
<td>FBI - Engineering Research Facility</td>
<td>CI FBI FISA</td>
</tr>
<tr>
<td>DOJ</td>
<td>BR FISA</td>
</tr>
<tr>
<td>Commercial Providers</td>
<td>PR/TT FISA</td>
</tr>
</tbody>
</table>
BLARNEY Access

70+ additional accesses across the U.S. from 30+ providers for Domestic Long Distance, ISP, and Data Center collections.
FAIRVIEW At a Glance

- Transit/FISA/FAA
- DNI/DNR (content & metadata)
- Domestic infrastructure only
- Cable Stations/Switches/Routers (IP Backbone)
- Close partnership w/FBI
Seven Access Sites – International “Choke Points”

- Transit/FISA/FAA
- DNI/DNR (content & metadata)
- Domestic infrastructure only
- Cable Station/Switches/Routers (IP Backbone)
- Close partnership w/FBI & NCSC
# Corporate Funding Profile

<table>
<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY11</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFR:</td>
<td>$187.2M</td>
<td>$205.1M</td>
</tr>
<tr>
<td>Cyber:</td>
<td>$250.9M</td>
<td>$122.7M</td>
</tr>
<tr>
<td>FISA:</td>
<td>$ 41.4M</td>
<td>$ 45.9M</td>
</tr>
<tr>
<td>*Other:</td>
<td>$ 0M</td>
<td>$ 10.0M</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>$479.5M</td>
<td>$383.7M</td>
</tr>
</tbody>
</table>

* NCSC Cyber Zone 4 (OCONUS router expansion)
# Program Funding Break-out

<table>
<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY11</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLARNEY:</td>
<td>$ 89.7M</td>
<td>$ 88.0M</td>
</tr>
<tr>
<td>FAIRVIEW:</td>
<td>$232.2M</td>
<td>$188.9M</td>
</tr>
<tr>
<td>STORMBREW:</td>
<td>$118.0M</td>
<td>$ 66.8M</td>
</tr>
<tr>
<td>OAKSTAR:</td>
<td>$ 39.6M</td>
<td>$ 40.0M</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$479.5M</strong></td>
<td><strong>$383.7M</strong></td>
</tr>
</tbody>
</table>
Corporate Strategic Initiatives

- FISA Amendment Act (FAA)
- Comprehensive National Cyber Security Initiative (CNCI)
  - Expand CONUS/OCONUS Access
    - New access sites
    - Infrastructure build-out at existing access locations
  - NCC TURMOIL Deployments
- Explore & Exploit New LOB/Capabilities
  - VPNs
  - Mobility networks
  - F-F Algorithm Development (beyond Port-25)
  - Social networking
- Explore & Exploit New Partnering Relationships
  - 2 New ISPs
  - Maktoob via data centers
Comprehensive National Cyber Security (CNCl)
# Corporate CNCl Funding Profile

<table>
<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY11</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLARNEY:</td>
<td>$9.0M</td>
<td>$12.1M</td>
</tr>
<tr>
<td>FAIRVIEW:</td>
<td>$144.0M</td>
<td>$73.1M</td>
</tr>
<tr>
<td>STORMBREW:</td>
<td>$80.8M</td>
<td>$22.9M</td>
</tr>
<tr>
<td>OAKSTAR:</td>
<td>$17.1M</td>
<td>$14.6M</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>$250.9M</td>
<td>$122.7M</td>
</tr>
</tbody>
</table>
FY10/FY11 CNCI Expansion

- New Access Sites
  - FY10 – 5 new access locations (4 cable, 2 router)
  - FY11 – 5 new access locations (1 cable, 4 router)

- Infrastructure Build-outs/Existing Access Expansion
  - FY10 anticipated – ingest 530 Gbps of data
  - FY11 anticipated – ingest 760 Gbps of data

- TURMOIL Processing Suites (Tech Insertion)
  - FY10 = 0
  - FY11 = 44
  - TOTAL = 44

*Sliding schedule

*Original request 55
**CNCI Challenges**

- Legal Framework
- SIGINT
  - Transit (limited value – attacks aimed at the U.S.)
  - FAA (maximum value – Cyber cert; initial value – tie signatures to existing Certs)
- Defense (.mil, .gov, .dib)
  - UTT tasking/targeting tool (ability to task signatures)
  - Data repositories
  - Analytical support
  - TURMOIL defense s/w applications
Corporate FAA Reporting Metrics
Corporate FAA Reporting Metrics

FAA REPORTS -
Weekly Stats thru 3 July 10
Corporate FAA Reporting Metrics

FAA Reports by Provider

- 3-Jul-10
- 26-Jun-10
- 19-Jun-10
- 12-Jun-10
- 5-Jun-10

Legend:
- ARTIFICE
- LITHIUM
- MICROSOFT
- YAHOO
- GOOGLE
- FACEBOOK
- PALTALK
- SERENADE
- STEELKNIGHT
- X
Corporate Transit Reporting
Metrics & Highlights
Top Ten SIGADs for 2009
July 2009 – June 2010

SIGADs

- FAA
- FAIRVIEW (Transit)
- BLARNEY (RSA)
- STORMBREW (Transit)

Product Reports

14000
12000
10000
8000
6000
4000
2000
0
US-984X
US-990
USJ-751
US-3237
US-984
USJ-799
DS-800
UKC-125
US-983
USJ-759A

= SSO Corp Programs