International Cables



Corporate Portfolio

FAIRVIEW
(C) US-990 FAIRVIEW

BLARNEY
(C) US-984 FISA collection
(C) US-984X* FAA collection

STORMBREW
(C) US-983 STORMBREW
(C) US-3140 MADCAPOCELOT

SSO Corporate/TAO Shaping
(C) US-3105S1 DARKTHUNDER
(C) US-3105S1 STEELFLAUTA

OAKSTAR
(C) US-3206 MONKEYROCKET*
(C) US-3217 SHIFTINGSHADOW
(C) US-3230 ORANGECRUSH
(C) US-3247 YACHTSHOP
(C) US-3251 ORANGEBLOSSOM
(C) US-3273 SILVERZEPHYR
(C) US-3277 BLUEZEPHYR
(C) US-3354 COBALTFALCON

Transit Authority

- (S//SI) Communications must be confirmed foreign-to-foreign.
- (S//SI) Filters at front-ends to ensure only authorized traffic is forwarded to the DNR and DNI selection engines.
- (S//SI) Occasionally the TOPI discovers that one end of the intercept is actually in the US. We refer to this as a "domestic incident".
- (C) TOPI's must inform SSO Corp Team when this occurs via email alias DL SSOTransit_CM. SSO files a formal report to NSA/SV for each occurrence of a domestic incident.

Transit Authority



TOP SECRET//COMINT//NOFORN

Unique Aspects

Access to massive amounts of data

Controlled by variety of legal authorities

Most accesses are controlled by partner

Tasking delays

US-3273 SILVERZEPHYR



(TS//SI) US-3273 (PDDG: SK) – Network access point through STEELKNIGHT partner. Operates under Transit Authority.

(TS//SI) Key Targets: South, Central, and Latin America.

(S//SI) DNR (Transit Authority) – Metadata, Voice, Fax

(S//SI) DNI (FAA Collection) – Content and Metadata

US-3247 YACHTSHOP



(TS//SI) US-3247 (PDDG: PJ) – Access through BLUEANCHOR Partner.

(TS//SI) Worldwide DNI Metadata

(C) Contributor to MARINA

US-3230 ORANGECRUSH



(TS//SI) US-3230 (PDDG: 08) – Foreign access point through PRIMECANE and 3rd Party-Partner.

(TS//SI) Key Targets: TBD – currently offline.

(TS//SI) Voice, Fax, DNI, DNR, and Metadata

US-3217 SHIFTINGSHADOW

(TS//SI) US-3217 (PDDG: MU) – Targeting Afghanistan telecommunications through foreign access point.

(TS//SI) Key Targets: MTN Afghanistan, Roshan GSM network, limited AWCC

(TS//SI) DNR metadata and voice; Timing advances and geolocation.

US-3206 MONKEYROCKET



(TS//SI) US-3206 (PDDG: 6T) – Operates from a foreign access point under E.O. 12333.

(C) Expected IOC: Spring 2012

(TS//SI) Key Targets: CT-focused – Middle East, Europe, and Asia

(S//SI) DNI Metadata & Content

US-984X* FAA

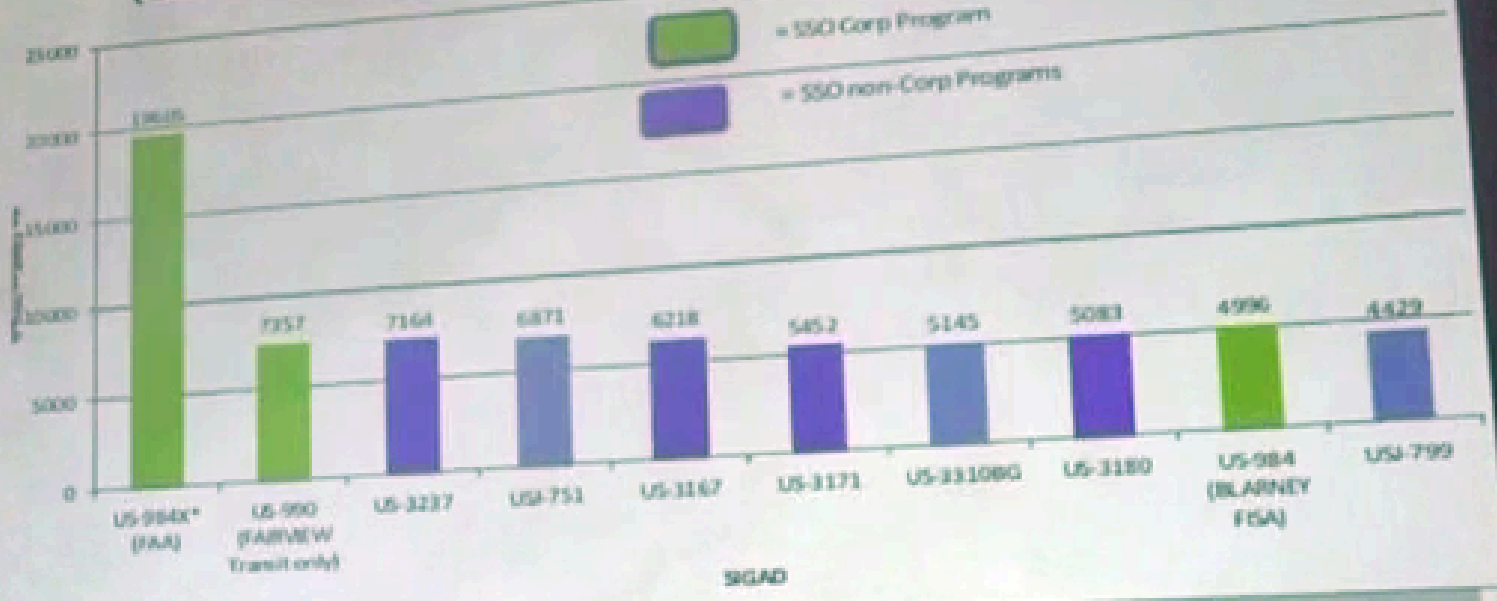
(TS//SI) US-984X* (PDDG: various) – multiple programs/partners collecting under FAA authority. Must be justified under FAA Certification and selector must be foreign.

(C) DNI and DNR collection

(U//FOUO) "go FAA" for more information.

US-984X FAA

Top Ten Collection SIGADs for Agency - 12 months (Oct 2010 - Sep 2011) based on Serialized Product Reports



US-984 BLARNEY



(TS//SI) US-984 (PDDG: AX) – provides collection against DNR and DNI FISA Court Order authorized communications.

(TS//SI) Key Targets: Diplomatic establishment, counterterrorism, Foreign Government, Economic

(U//FOUO) "go BLARNEY" for more information.

US-3140 MADCAPOCELOT

(TS//SI) US-3140 (PDDG: TM) – Target DNI operating under E.O. 12333 Authority

(TS//SI) Key Targets: Russia and European Counterterrorism

(S) DNI and metadata through XKEYSCORE, PINWALE, and MARINA.

US-983 STORMBREW



TOP SECRET//COMINT//NOFORN

US-983 STORMBREW

(TS//SI) US-983 (PDDG-FL) – key corporate partner with access to international cables, routers, and switches

(TS//SI) Key Targets: Global

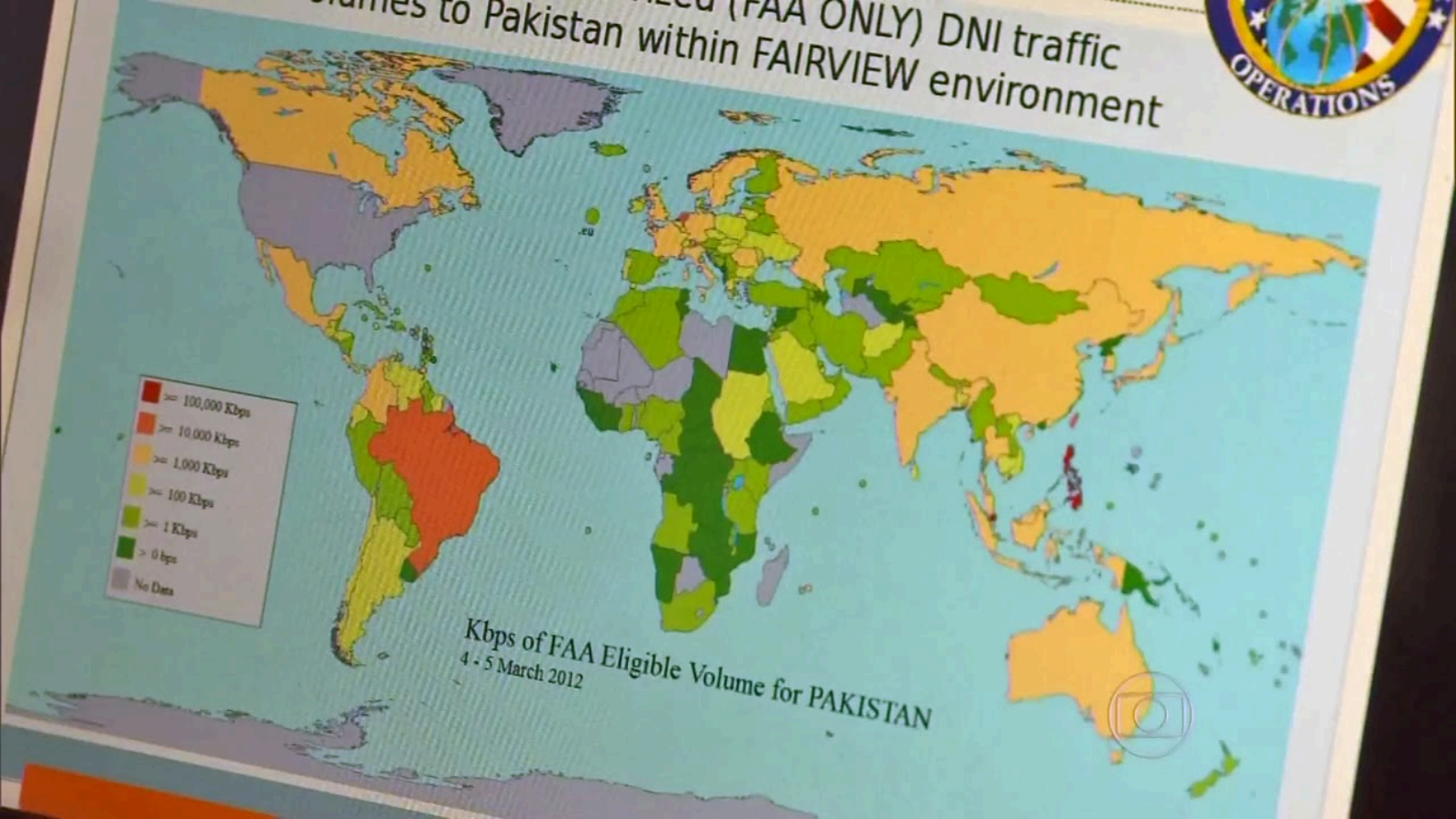
(C) DNR Collection: (Directory ONMR)

(C) DNI Collection: Limited to FAA and FISA
Cyber hit counts on FAA DNI Access

US-990 FAIRVIEW




ized (Transit Authority ONLY) DNI
ic volumes to Pakistan within FAIRVIEW
OPERATIONS
>= 100,000 Kbps
>= 10,000 Kbps
>= 1,000 Kbps
>= 100 Kbps
>= 1 Kbps
> 0 bps
No Data
Kbps of FF Volume for PAKISTAN
4 - 5 March 2012


Kbps of FAA Eligible Volume for PAKISTAN
4 - 5 March 2012
>= 100,000 Kbps
>= 10,000 Kbps
>= 1,000 Kbps
>= 100 Kbps
>= 1 Kbps
> 0 bps
No Data
.eu
OPERATIONS

Domains Seen on FAIRVIEW (2/15/2012 – 3/11/2012)

Top 20 Pakistani domains (.pk)	Avg (Kbps)
express.com.pk	917
pemra.gov.pk	812
cyber.net.pk	710
brain.net.pk	425
edenhousing.com.pk	424
sss.edu.pk	289
pec.org.pk	193
super.net.pk	166
ntu.edu.pk	160
ncel.com.pk	149
steelcrete.com.pk	141
iqra.edu.pk	136
wol.net.pk	123
fsd.comsats.net.pk	121
bitqta.edu.pk	111
skt.comsats.net.pk	107
nipponpaint.com.pk	106
gerrys.com.pk	
seagull.com.pk	
comsats.net.pk	

TOP SECRET//COMINT//NOFORN

FAIRVIEW: North Korea DNI

1 Day view of authorized (FAA ONLY) DNI traffic volumes to North Korea within FAIRVIEW environment



TOP SECRET//COMINT//NOFORN

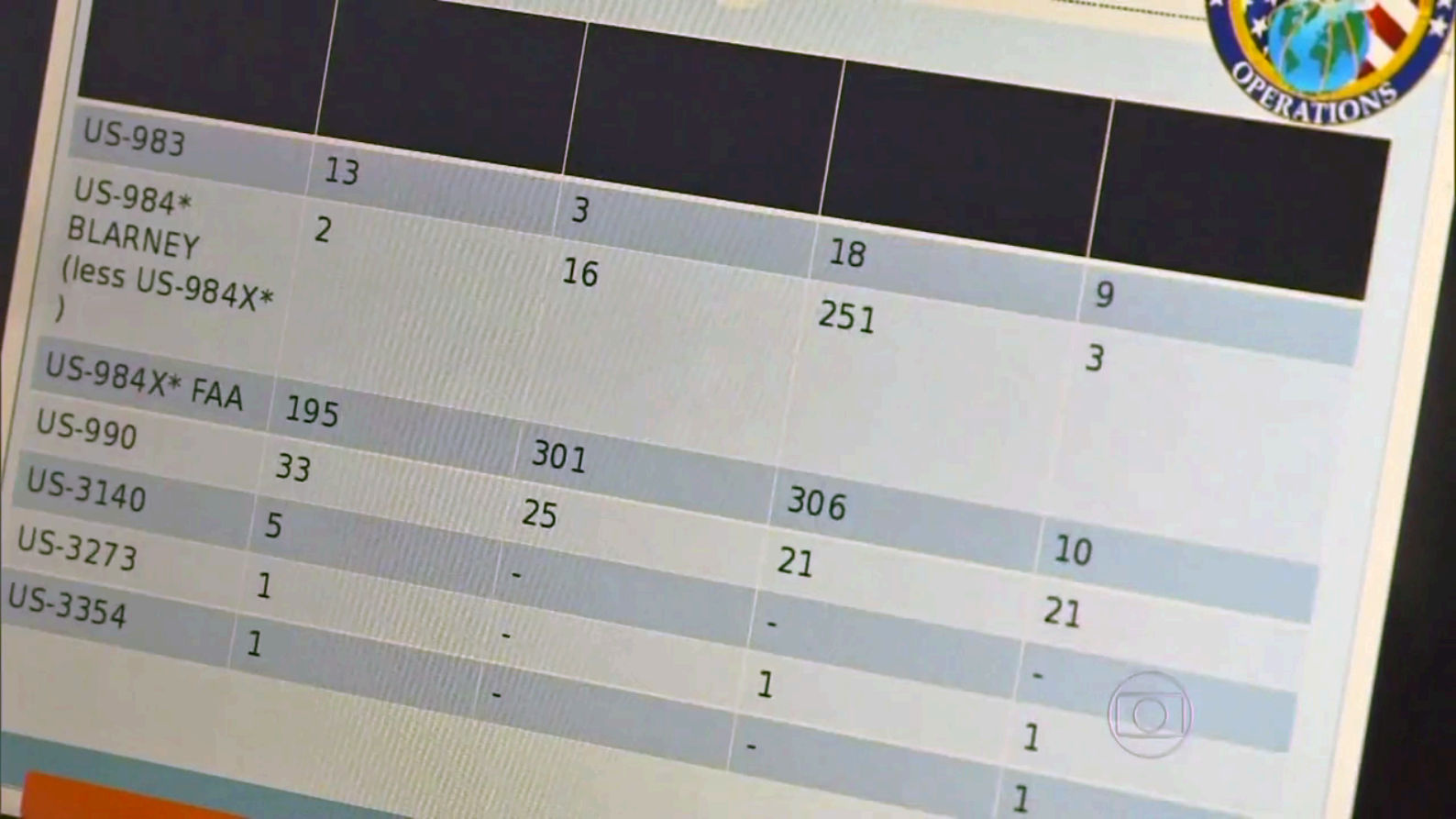
Domains Seen on FAIRVIEW (2/15/2012 – 3/11/2012)

Top 20 North Korean domains (.kp)	Avg (Kbps)
star-co.net.kp	609
silibank.net.kp	131
star.edu.kp	2
water.ocn.ne.kp	< 1
star-di.net.kp	< 1
aimlessnessm.kp	< 1
vok.rep.kp	< 1
zfr8.kp	< 1
xmufi.kp	< 1
zeido.kp	< 1
kpnwoa.mts.kp	< 1
azzoz.kp	< 1
fuana.kp	< 1
naenara.com.kp	< 1
rodong.rep.kp	< 1
kcna.kp	< 1
majucm.kp	< 1
ziij.kp	< 1
poqoce.kp	< 1
netmwa.kp	< 1


Kbps of FAA Eligible Volume for IRAN
4 - 5 March 2012


Click to edit Master text styles
Second level
Third level
Fourth level
Fifth level
Kbps of FF Volume for RUSSIA
4 - 5 March 2012
OPERATIONS

SSO Corporate Programs contributed to 1230 S2D Product Reports in 2011 (842 of those were single-sourced to SSO Corp). This represented ~29% of total S2D Product Reports for 2011.



US-983	13	3	18	9	
US-984* BLARNEY (less US-984X*)	2	16	251	3	
US-984X* FAA	195	301	306	10	
US-990	33	25	21	21	
US-3140	5	-	-	-	
US-3273	1	-	1	1	
US-3354	1	-	-	1	

Collection Managers

FAIRVIEW [redacted]

STORMBREW [redacted]

BLARNEY "DL BLARNEY_CM"

OAKSTAR "DL OAKSTAR_OPS"

MADCAPOCELOT [redacted]

Mission Management

"DL sso_corp_mm"

"go theSSO"

"SSO Corporate Portfolio" Wiki-NF

OPERATIONS