

TOP SECRET//COMINT-GAMMA//ORCON//NOFORN-NATIONAL SECURITY AGENCY CENTRAL SECURITY SERVICE FORT GEORGE G. MEADE MARYLAND 20755-6000

14 June 2011

MEMORANDUM FOR THE CHAIRMAN, INTELLIGENCE OVERSIGHT BOARD

THRU: Assistant to the Secretary of Defense (Intelligence Oversight)

SUBJECT: (U//FOUO) Report to the Intelligence Oversight Board on NSA Activities - INFORMATION MEMORANDUM

(U//POUO) Except as previously reported to you or the President, or otherwise stated in the enclosure, we have no reason to believe that intelligence activities of the National Security Agency during the quarter ending 31 March 2011 were unlawful or contrary to Executive Order or Presidential Directive and thus should have been reported pursuant to Section 1.6(c) of Executive Order 12333, as amended.

(U//FOUO) The Inspector General and the General Counsel continue to exercise oversight of Agency activities by inspections, surveys, training, review of directives and guidelines, and advice and counsel. These activities and other data requested by the Board or members of the staff of the Assistant to the Secretary of Defense (Intelligence Oversight) are described in the enclosure.

GEORGE ELLARD

Anspector General

MATTHEW G. OLSEN General Counsel

(U//FOUO) I concur in the report of the Inspector General and the General Counsel and hereby make it our combined report.

KEITH B. ALEXANDER General, U. S. Army

Director, NSA/Chief, CSS

Encl:

Quarterly Report

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I. (U) Intelligence, Counterintelligence, and Intelligence-Related Activities that Violated Law, Regulation, or Policy and Were Substantiated during the Quarter,

as well as Actions Taken as a Result of the Violations

A. (U) intelligence Activities Conducted under Executive Order (E.O.) 12333 Authority
(U) Unintentional Collection against United States Persons (USPs) or Foreign Persons in the United States (b)(3)-P.L. 86-36
(U// FOUO) During the first quarter of calendar year 2011 (CY2011), Signals Intelligence (SIGINT) analysts ininstances inadvertently targeted or collected communications to, from, or about USPs while pursuing foreign intelligence tasking. All intercepts and reports have been deleted or destroyed as required by United States SIGINT Directive SP0018. 1. (U) Targeting (b)(1)
(S//REL TO USA, FVEY) an NSA analyst learned that the selector for a valid foreign intelligence target remained tasked while the target was in the United States Collection against the target's selector was suspended on
All traffic collected was destroyed and no reports were issued. (b)(3)-P.L. 86-36
(U// FOUO) an NSA analyst tasked an e-mail selector for a valid foreign intelligence target while the target was in the United States. The selector was detasked on No collection occurred.
(S//REL TO USA, FVEY) an NSA analyst learned that one selector for a valid foreign intelligence target remained tasked while the target was in the United States from
against the selector was suspended and no reports were issued (b)(3)-P.L. 86-36
(U// FOUO) an NSA analyst discovered that selectors associated with a USP
had been tasked. The selectors were detasked
(U// FOUO) an NSA analyst learned that a selector for a valid foreign intelligence target remained tasked while the target was in the United States. All traffic was deleted, and collection against the selector was
suspended (b)(3)-P.L. 86-36

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-(S//RE with a	L TO USA, FVEY) an NSA analyst learned that a selector as valid foreign intelligence target remained tasked while the target was in the Unite	ssociated(b)(1) od States(b)(3)-P.L.
from	valid lefeligh intemperate target formation tables with in the chief	A States
<u> </u>		
	No collection occurred	
	/(b)(1)	(b)(1) (b)(3)-P.L. 86-36
2. (U	Database Queries (b)(3)-P.L. 86-36	(b)(3)-18 USC 798
-(S//RI	L-TO USA, FVEY) analysts performed overly broad or poorly	(b)(3)-50 USC 302
constr	icted database queries that potentially targeted USPs. For example, these queries	used
L	which produced imprecise results the queries retu	
	from the database. The query results were deleted, and no reports were issued ural errors contributed to the following incidents.	(b)(1) (b)(3)-P.L. 86-36 (b)(3)-50 USC 302
	(U// FOU0) an NSA analyst queried raw traffic database	s using
	an e-mail selector associated with a valid foreign intelligence target but without	
	excluding dates during which the target was in the United States. All results we	re deleted
***************************************	and no reports were issued.	
П	(U/#POLO) On occasions	NSA
86-36	analysts queried raw traffic databases using selectors associated with USPs. On	
and the same and t	occasion, the analyst's neglected to perform the required research on the selectors	
and the same of th	performing the queries. No results were returned fromof the queries. Results	s from
· · · · · · · · · · · · · · · · · · ·	the remaining queries were deleted and no reports were issued.	
A III.	(U/ /FOUO) an NSA analyst performed a query in a raw traff	fic
// / <u>-</u> :	database without sufficiently researching the selector. Upon discovery that the s	
	was associated with a USP, the analyst stopped the query and deleted it before cl	
/ /// /	to see whether results were returned. No reports were issued.	
////b	(U//FOUO) a SIGINT analyst queried a raw traffic databas	a usina a
1/4	selector associated with a valid foreign intelligence target but did not exclude da	
1//	during which the target was in the United States. After submitting the query, the	
/ /	remembered that the target had been in the United States during the range of date	
	submitted and deleted the query before results were returned.	
	(III/FOLIO) an NICA analyst avaried the relector of a will d	£!
U\	an NSA analyst queried the selector of a valid intelligence target in raw traffic databases after the selector had been detasked be	
	The query and results	
	deleted on and no reports were issued.	
-	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	
	an NSA analyst performed a query without lim	
	date range in a raw traffic database for a USP that had been approved for targeting thereby causing collection on the selector during an unauthorized period. The co	
	was deleted and no transcripts or reports were issued.	HECHOH
	and no transcripts of reports were issued.	

		Analysis against known USP selectors in a raw traffic database. The analyst believed that the Supplemental Procedures Governing Communications Metadata Analysis, which authorizes communications metadata analysis without confirming the target's location
_		outside the United States, applied to the raw traffic database. No results were returned from the queries and no reports were issued.
(15)(3)-P.L. 8	[] 36-36	an NSA analyst queried a raw traffic database using a selector associated with a valid foreign intelligence target but did not exclude dates
		during which the target was in the United States. this error occurred because the analyst misunderstood for the database query. All collection was purged by and no reports were issued.
		(U//FOUC) a SIGINT analyst ran queries against a raw traffic database without limiting the results to foreign data. The queries were deleted on and returned no results. No reports were issued.
		(U//FOUO) Or occasions from SIGINT analysts queried raw traffic databases using selectors associated with USPs. The analysts neglected to perform the required research on the selectors before performing the queries. No results were returned from of the queries. Results from the remaining queries were deleted and no reports were issued.
		(U// FOUO) an NSA employee, while conducting training, ran a demonstration query against a raw traffic database using a selector associated with a USP. Although the query returned results, no USP data was collected. No reports were issued. The example was removed from the class and instructor notes.
	0 '	(TS//SI//REL TO USA, EVEY)
(b)(1) (b)(3)-P.L. 86-3	 Re	
(b)(3)-50 USC	3024(i)	. No reports were issued.
	3. (U	(A FOUC)
	(TS//S	I//REL TO USA, FVEY)
		hen
	B. (U	P.L. 86-36 (D)(3)-18 USC 798 (b)(3)-50 USC 3024(i)
-	during	The NSA Enterprise issued SIGINT product reports the first quarter of CY2011. In those reports, SIGINT analysts included information that ied USPs or U.S. entities on occasions while pursuing foreign intelligence tasking.
		TOP SECRET//COMINT//NOFORN (b)(1)
		3 (b)(3)-P.L. 86-36

In SIGINT products, such disseminations were found to be improper, and the reports we canceled as NSA/CSS analysts learned of USPs, U.S. organization U.S. entities named without authorization. All data in the canceled reports was deleted as required, and the reports were not reissued or were reissued with proper minimization.	
C. (U) The Foreign Intelligence Surveillance Act (FISA)	
1. (U) NSA/CSS Title I FISA	P.L. 86-36
a. (U) Tasking Error	
(S//REL TO USA, FVEY) discovered that selectors associated with targets authorized under Foreign Intelligence Surveillance Court (FISC) Orders remained tasked after the targets The selectors were detasked. On one occa there was no collection. Collection from the selectors for the remaining occasions was	sion
purged, and no reports were issued.	<u>)(1)</u>
(TS://SI://NF)	P.L. 86-36
	JSC 3024(I)
(S//REL TO USA, FVEY)	
b. (U) Database Queries	
(S//REL TO USA, FVEY) an NSA analyst performed queries on selectors associated with FISC-authorized targets raw traffic database the contained E.O. 12333 collection. The queries did not return results and no reports were iss //REL TO USA, FVEY) (U//FOUO) an NSA analyst performed a query on the selector for a FI	t ued. SC-
authorized target a raw traffic database without restricting his search to to FISA collection. No results were retrieved by the query.	he (b)(1)
c. (U) Data-Handling Errors	(b)(3)-P.L. 86-36
(U// FOUO) a SIGINT analyst posted FISA information to an incorrect window that is not authorized for FISA data. The analyst notified his overseers of his mist Chat posts age off after 48 to 72 hours.	
(b)(3)-P.L. 86-	-36
(b)(1) (b)(3)-P.L. 86-36 <u>TOP-SECRET//COMINT//NOFORN</u> (b)(3)-50 USC 3024(i) 4	

2. (U)	(b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)
(U) (TS//SI//NF) Nothing to report	
3. (TS//SI//NF) Business Records (BR) Order	
(TS//SI//NF)	
4. (U) The FISA Amendments Act (FAA)	(b)(1) (b)(3)-P.L. 86-36 (b)(3)-18 USC 798
a. (U) Section 702	(b)(3)-50 USC 3024(i)
i. (U) Unauthorized Targeting (b)(3)-P.	L. 86-36
(U//FOUO) Note: As previously reported in the 2010 Second implemented a new process to ensure that FAA collection that databases is purged. compliant data that should be purged. All collection that has be Data that is marked for purging is completely unusable or inacceptive physically removed at that time.	is required to be purged from NSA/CSS to identify non- een marked for purging will be purged.
(S//SI//REL TO USA, FVEY) An e-mail selector was tas §702 without sufficient justification that the target was lo selector was detasked No collection	
associated with a valid foreign intelligence target remaine United States. The error occurred because The selector was detasked	analyst discovered that the selector (b)(1) ed tasked while the target was in the (b)(3)-P.L. 86-36 Collection from purging. No reports were issued.
had been tasked without sufficient information to determine United States. The selectors were detasked	analyst discovered that selectors ne the target's location outside the All FAA §702 collection has been marked for purging. No
been tasked without validation that the target's location v	a analyst discovered that a selector had was outside the United States. The ant collection has been marked for
(U// FOUO) an NSA analyst retask procedures, including verification that the target was local	ed a selector without following tasking ted outside the United States. The

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	(b)(3)-P.L. 86-36
selector was not detasked because by the time the error was discovered, additional N had been created and approved No data was collected	Ĭ
	(b)(3)-P.L. 86-36
(S//REL TO USA, FVEY) an NSA analyst discovered that ar	(b)(3)-50 USC 3024(i) n FAA § 702
selector remained tasked while the target was in the United States between	
The selector was detasked Non-complia	
from has been marked for purging. No reports were is	(D)(1)
(U/ /FOUO) an NSA staff officer discovered that selectors, an E.O. 12333 tasking, had erroneously been tasked against FAA §702	pproved for (b)(3)-P.L. 86-36 The
detasking request was submitted but detasking was not completed	
No collection occurred, and no reports were issued.	
ii. (U) Tasking Errors (b)(3)-P.L. 86-36	3
(U// FOUO) On eccasions NSA and discovered that e-mail selectors for valid foreign intelligence targets had been improunder FAA §702. Because the tasking error rendered the selectors invalid, no collect occurred. The selectors were detasked.	perly tasked
(S//SI//REL TO USA, FVEY) an NSA analyst discovered that an ince-mail selector had been tasked. The error occurred because the analyst mistyped the and tasked an unassociated but valid account. The selector was detasked No data was collected. (3)-P. L. 86-36	
(U//FOUO) an NSA analyst discovered that a selector tasked un	
§702 was invalid. The last digit of the selector had mistakenly been excluded. The detasked the same day. Detasking was also confirmed that day. Because the selecto	
invalid, no collection occurred.	
iii. (U) Database Queries (b) (1) (b) (3)-P.L. 86-36	(b)(1) (b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)
(S//REL TO USA, FVEY) an NSA analyst performed a databa	A 4
using a selector associated with a USP. The neglected to perform the required research on the selector before performing the que query was also overly broad, No results were	ry. The
from the query.	
(U//FOUO) an NSA analyst queried on a target's selector in a ray database without first researching the selector to determine whether it was associated USP. The query returned results that associated the selector with a USP. No reports	l with a
issued.	

iv. (U) Detasking Delays (b)(3)-P.L. 86-36	
(U//FOUO) Because of a technical problem in an NSA collection system, collection co on selectors authorized under a FISC Order that expired The sewere detasked The technical problem was resolved	ntinued electors
(U//FOUO) an NSA analyst discovered that a selector had remained for collection after the selector was requested to be detasked from FAA §702 collection. The selector was detasked. No data was collected from the selector was detasked.	on
v. (U) Data-Handling Errors	8)-P.L. 86-36
(U// FOUO) an NSA analyst mistakenly e-mailed FAA \$702 traffi personnel not authorized to receive FAA\$702 data. The e-mails were recalled	c to
(U//FOUO) a SIGINT analyst unintentionally forwarded unminimining information in FAA §702 traffic to an unauthorized analyst. The traffic was purged frounauthorized databases	om
vi. (U) Over-collection	(b)(1) (b)(3)-P.L. 86-36 (b)(3)-18 USC 798 (b)(3)-50 USC 3024(i)
(S//REL TO USA, FVEY)	
(S//REL TO USA, FVEY)	
(TS//SI//REL TO USA, FVEY)	

(物)(1) (物)(3)-P.L. 86-36 (物)(3)-18 USC 798
b. (U) Section 705(b) (b)(3)-50 USC 3024(
i. (U) Unauthorized Targeting
(S//SI//REL_TO USA, FVEY) selectors of FAA §705(b) -authorized targets while the targets were the United States. In both cases, NSA personnel were the United States. All tasked selectors associated with the targets were detasked. No reports were issued. (b)(1) (b)(3)-P.L. 86-36
(S//SI//REL TO USA, FVEY) an NSA analyst was discovered to have queried in a raw traffic database on the selector associated with an FAA \$705(b)-authorized target who is located in the United States. The selector had been detasked earlier and but the analyst did not see this information when he researched the selector before performing the query. The analyst deleted the query and the results and no reports were issued.
(S//SI//REL TO USA, FVEY) an NSA analyst performed database queries on valid FAA §705(b) selectors in raw traffic databases that contain FAA §702 data. The analyst did not follow query guidelines, violating FAA §702 minimization procedures. The queries were deleted. No data was collected, and no reports were issued.
D. (U) Other
1. (U) Unauthorized Access
it was discovered that the approval process for access to (b)(3)-P.L. 86-36 mission systems did not include a requirement for an operational review or mission justification, allowing external organizations with no authority to access raw SIGINT data to view or download that data. All SIGINT involved was collected under E.O. 12333 authority. The extent of the unauthorized access is being evaluated, and a review of the approval process is under way. Once these efforts are complete, corrective measures will be implemented. (b)(1) (b)(3)-P.L. 86-36 (b)(3)-P.L. 86-36
(D)(3)-50 USC 3024(I)
(S//SI//REL TO USA, FVEY) were intercepted as part of surveillance equipment training, in accordance with authorized procedures. However, the trainees read and discussed the content rather than deleting them as soon as the equipment was calibrated. All trainees were counseled on proper procedures.
(U//FOUO) an NSA analyst queried a raw traffic database using a selector associated with a valid foreign intelligence target but did not exclude dates during which the
(b)(3)-P.L. 86-36

	target was in the United States. The analyst then e-mailed the retrieved data to an external organization. All associated e-mails have been deleted, and no reports were issued.			
	(U// FOUO) organizations. When the USP and destroyed.		the product was red	
	(U/Æ OUO)	NSA/CSS discovered that		- CONTINUE AND CON
)(3)-P.L. 86-	36			
)/(3)-F.E."-60=	(U/ FOUO) proper authorization raw SIGI	an NSA analyst shared with an INT containing the identity of a let of hostile intelligence activity ranted.	USP. The SIGINT indicated to	
`	prevent unauthorized users fro	NSA/CSS attempted evelopment. The existing developm accessing the link. The link virewalls have been upgraded with	was removed from the operati	not
	(U// FOUO) a SECRET network. The affernetwork.	a SIGINT analyst disseminate ected accounts were deleted, and	the SIGINT was purged from	the
	. ,	ection and Data Retention	(b)(3)))-P.L. 86-36)-50 USC 3024(i)
	(S// REL TO USA, FVEY)		yst discovered that he selector, originally believe	d to
		nce target, was determined to be ectors for the target that same day	for a USP on an	d was
	Triff and lead for			1
	Traffic collected fro and no reports were issued.	m	was purged by	
	4. (U) Consensual Collec	tion	(b)(1) (b)(3)-P.L. 86-36	
	selectors had remained on task the selectors. No collection h	ns from the targeting of USPs king until the following day. Up ad occurred during the violation of the consensual collection selectors	on discovery, the analysts det periods. A software modification	ciated casked ation
	(U// FOUO) consensual collection request approved. The analyst believe	an NSA analyst discovered had begun two ded that the request had already be	days before the request was	(b)(3)-P.L. 86-36

DOCID: TOP SECRET//COMINT//NOFORN effective dates of the consent. The selectors were not detasked because the approval was nearing completion at the time the error was discovered. No collection had occurred during the violation period. (b)(3)-P.L. 86-36 5. (U) Computer Network Exploitation (CNE) (b)(3)-18 USC 798 (b)(3)-50 USC 3024(i) (TS//SI//NF) E. (U) Counterintelligence Activities (U) Nothing to report. F. (U) Intelligence -Related Activities (b)(1) (b)(3)-P.L. 86-36 -(S//SI//NF). To reduce the risk of unauthorized telephony collection and prevent violation(b)(3)-50 USC 3024(i) NSA/CSS instituted a process that gives analysts greater and faster insight into a target's location. When collection occurred, data was purged from NSA/CSS's principal raw traffic repositories when required. (b)(1)(3)-P.L. 86-36 (S//SI//NF) (3)-50 USC 3024(i) NSA analysts found le-mail selectors this quarter. When collection occurred, it was purged from NSA/CSS's principal raw traffic repositories when required. (U//FOUC) Although not violations of E.O. 12333 and related directives, in database access was not terminated when access was no longer required. Once identified, the accesses were terminated. In addition, there were instances of unauthorized access to raw SIGINT and linstances of account sharing during the quarter. (U//FOUO) it was discovered that analysts working under Title 10 (non-SIGINT/military operations) authority were exposed to raw SIGINT metadata. The exposure. (b)(3)-P.L. 86-36 which took place during the occurred because system automated access controls malfunctioned. Manual controls have been put in place to ensure that access of

data is commensu rate with authorities.

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II. (U) NSA/CSS Office of the Inspector General (OIG) Intelligence Oversight (IO) Inspections, Investigations, and Special Studies

(U//FOUO) During the first quarter of CY2011, the OIG reviewed various intelligence activities of NSA/CSS to determine whether they had been conducted in accordance with statutes, Executive Orders, Attorney General procedures, and Department of Defense (DoD) and internal directives. With few exceptions, the problems uncovered were routine and showed that operating elements understand the restrictions on NSA/CSS activities.

A. (U) NSA/CSS Hawaii (NSAH)

(U//FOUO) During the joint IG inspection of NSAH, the IO inspection team reviewed the IO Program, IO training, and application of IO standards in the SIGINT mission activities performed at the site. The IO Program Manager, who has extensive operational and IO experience, is known to the workforce and managers. Although there are established procedures for accomplishing IO tasks, the procedures are not documented. Despite the considerable time and energy spent tracking IO training, the inspection team highlighted weaknesses in the procedures for tracking IO training for reservists and contractors. On the basis of survey results, inspectors found that NSAH operations personnel had an adequate knowledge of IO standards. They had some weaknesses, however, in understanding the IO authorities regarding the handling of raw SIGINT and minimization and dissemination standards. The NSA OIG is tracking corrective actions. Problems with inexperienced analysts constructing overly broad database queries were also noted in the inspection.

B. (U) Annual Selector Review

(S//REL	TO USA, FVEY) (U//FUUU) Under Attorney General approved procedures, NSA/CSS is required to conduct a		
	yearly review of certain terms. As a result of the review, more	(þ)	(1) (3)-P.L. 86-36
	than terms were removed because the target offices concluded that they did not have foreign intelligence value. No terms were removed because they did not have proper		(0)-1 .L. 00-00
	authorizations.		

C. (U) Trends Noted in the Annual Review of Quarterly IO Reports for 2010

(U/FOUO) The NSA OIG published a report on the analysis of trends noted in the quarterly IO reports for CY2010. The review highlighted three areas in which analysts committed procedural errors:

- (U/FOUO) Failure to perform required research on selectors before querying raw traffic databases
- (U/FOUO) Failure to follow guidelines for querying FAA §705(b)-authorized selectors
- (U//FOUO) Dissemination of FISA or FAA-derived data to e-mail aliases that include personnel not authorized to receive the data.

The OIG advised the SIGINT Directorate to implement enhanced training and awareness procedures.