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//FOUO) 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 Inspector 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.

> General, U.S. Army Director, NSA/Chief, CSS

Encl:

Quarterly Report

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Approved for Release by NSA on 12-19-2014, FOIA Case # 70809 (Litigation)

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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) (b)(3)-P.L. 86-36
	(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
(1)	(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.
(3)-P.L. 86	(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

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-(S//RE	L TO USA, FVEY) an NSA analyst learned that a selector a	ssociated(b)(1)
from	valid foreign intelligence target remained tasked while the target was in the Unit	ed States (6) 1 :2: 00 00
	I	
	No collection occurred.	(b) (1)
2. (U)	Database Queries (b)(1) (b)(3)-P.L. 86-36	(b)(1) (b)(3)-P.L. 86-36 (b)(3)-18 USC 798 (b)(3)-50 USC 2024(i)
-(S//RE	L TO USA, FVEY) analysts performed overly broad or poorly	(b)(3)-50 USC 3024(i)
constru	icted database queries that potentially targeted USPs. For example, these queries	used
<u> </u>		
rogulta	which produced imprecise results the queries return the detabase. The guery results were deleted and no separts were invested.	
	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 3024(i)
	(U// FOUO) an NSA analyst queried raw traffic database	es using
	an e-mail selector associated with a valid foreign intelligence target but without	1.1 . 1
	excluding dates during which the target was in the United States. All results we and no reports were issued.	re deleted
de la companya de la	and no reports were issued.	
[] (3)-P.L. 86-36	(U/ /FOUO) On occasions	NSA
)(3)-P.L. 00-30	analysts queried raw traffic databases using selectors associated with USPs. On	
	occasion, the analyst's neglected to perform the required research on the selector	
	performing the queries. No results were returned from of the queries. Result the remaining queries were deleted and no reports were issued.	s from
	the remainingqueries were deleted and no reports were issued.	
///// `B.	(U/ /FOUO) an NSA analyst performed a query in a raw traf	fic
	database without sufficiently researching the selector. Upon discovery that the	selector
	was associated with a USP, the analyst stopped the query and deleted it before c	hecking
	to see whether results were returned. No reports were issued.	
/ / //2	(U//FOUO) a SIGINT analyst queried a raw traffic database	se using a
7 / 7	selector associated with a valid foreign intelligence target but did not exclude da	
	during which the target was in the United States. After submitting the query, th	
\ \	remembered that the target had been in the United States during the range of dat	es
\ \	submitted and deleted the query before results were returned.	
	(U//FOUO) an NSA analyst queried the selector of a valid	foreign
	intelligence target in raw traffic databases after the selector had been detasked b	
1	The query and result	
	deleted on and no reports were issued.	
Б	AMEDIAN STATE OF THE STATE OF T	
	an NSA analyst performed a query without lin	•
	date range in a raw traffic database for a USP that had been approved for targeti thereby causing collection on the selector during an unauthorized period. The c	
	was deleted and no transcripts or reports were issued.	oncolon
	and no transcripts of reports were issued.	

	an NSA analyst performed Communications Metadata 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.	
(b)(3)-P L 86-36	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//FOUO) 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.	
	(TS//SI//REL TO USA, FVEY)	
(b)(1) (b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)	. No reports were issued.	
3. (U	(A FOUO)	
_(TS//S	I//REL TO USA, FVEY)	
	hen -P.L. 86-36 	
B. (U) Dissemination of U.S. Identities (b)(3)-50 USC 3024	1(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.	

canceled as NSA/CSS U.S. entities named without	ch disseminations were found to be improper analysts learned of USI authorization. All data in the canceled reporter not reissued or were reissued with proper	Ps, U.S. organizations, or orts was deleted as	
C. (U) The Foreign Inte	lligence Surveillance Act (FISA)	(b)(1)	
1. (U) NSA/CSS Title I F	FISA	(b)(3)-P.L. 86-36	
a. (U) Tasking Error			
Surveillance Court (FISC) of there was no collection. Co	sociated with targets authorized under Foreig Orders remained tasked after the targets The selectors were deta- ollection from the selectors for the remaining	asked On one occasion	
purged, and no reports were	e issued.	(b)(1)	
(TS//SI//NF) (S//REL TO USA, FVEY)		-P.L. 8	6-36 sC 3024(i)
(U// FOUO) authorized target FISA c. (U) Data-Handling Er	an NSA analyst performed SC-authorized targets raw ction. The queries did not return results and an NSA analyst performed a query on the arraw traffic database without restrict collection. No results were retrieved by the collection are sufficiently as SIGINT analyst posted FISA information of the for FISA data. The analyst notified his or	traffic database that no reports were issued. he selector for a FISC- cting his search to the query. (b)(1) (b)(3)- tion to an incorrect chat	-P.L. 86-36
		(b)(3)-P.L. 86-36	
(b)(1) (b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)	-TOP SECRET//COMINT//NOFORN-4		

2. (U) (b)(3)-P.L. 86-36 (b)(3)-50 USC 30	
(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
a. (U) Section 702	(b)(3)-18 USC 798 (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 Quarter Report, NS implemented a new process to ensure that FAA collection that is required to be purged databases is purged. compliant data that should be purged. All collection that has been marked for purging very Data that is marked for purging is completely unusable or inaccessible, even if the data physically removed at that time.	from NSA/CSS o identify non- vill be purged.
\(\(\s\\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
(S//REL TO USA, FVEY) an NSA analyst discovered that associated with a valid foreign intelligence target remained tasked while the targ United States. The error occurred because The selector was detasked. Collecti	
has been marked for purging. No reports we	ere issued.
(S//REL TO USA, FVEY) an NSA analyst discovered that had been tasked without sufficient information to determine the target's location United States. The selectors were detasked	outside the collection
(S//REL TO USA, FVEY) an NSA analyst discovered that been tasked without validation that the target's location was outside the United S selector was detasked Non-compliant collection has been purging. No reports were issued.	States. The
(U// FOUO) an NSA analyst retasked a selector without for procedures, including verification that the target was located outside the United	

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(b)(3)-P.L. 86-36

	selector was not detasked because by the time the erro		
	had been created and approved	No data was collected	
		(b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)
	(S//REL TO USA, FVEY) and	(b)(3)-50 USC 3024(NSA analyst discovered that an FAA \$702	,
	selector remained tasked while the target was in the U	inited States between	
	The selector was detasked	Non-compliant collection	
	from has been marked for	or purging. No reports were issued (b)(1)	
	(U/ /FOUO) an NSA staff officer di		-36
	E.O. 12333 tasking, had erroneously been tasked again detasking request was submitted	nst FAA §702 The t detasking was not completed until	
	No collection occurred, and no reports v		
	ii. (U) Tasking Errors	(b)(3)-P.L. 86-36	
	(U// POUO) On occasions	NSA analysts	
	discovered that e-mail selectors for valid foreign intell		
	under FAA §702. Because the tasking error rendered occurred. The selectors were detasked.	the selectors invalid, no collection (b) (1)	
	occurred. The selectors were detasked.	(b) (3)-P.L. 86-30	5
		analyst discovered that an incorrect	
	e-mail selector had been tasked. The error occurred be and tasked an unassociated but valid account. The selections are the selection of the s		
	No data was collected.	ector was detasked	
) (3) -P.	.L. 86-36	tata a tata da BAA	
· · · · · · · · · · · · · · · · · · ·	(U/ FOUO) an NSA analyst disco §702 was invalid. The last digit of the selector had mi	vered that a selector tasked under FAA	
	detasked the same day. Detasking was also confirmed		
	invalid, no collection occurred.	7b)(1)	
1	\ iii. (U) Database Queries \ \(\begin{array}{c} \begin{array}{c} a	(b)(1) (b)(3)-P.L. 86-36	
	Till (o) Databass Quenes	(b)(3)-50 USC 3024(i)
-		SA analyst performed a database query	
	neglected to perform the required research on the select	or associated with a USP. The analyst	
	query was also overly broad,	No results were returned	
	from the query.		
	(U/ /FOUO) an NSA analyst queried	d on a target's selector in a raw traffic	
	database without first researching the selector to determ		
	USP. The query returned results that associated the se		
	issued.		

iv. (U) Detasking Delays (b)(3)-P.L. 86-36	
(U//FOUO) Because of a technical problem in an NSA collection system, collection continued on selectors authorized under a FISC Order that expired The selectors were detasked The technical problem was resolved	
(U//FOUO) an NSA analyst discovered that a selector had remained tasked for collection after the selector was requested to be detasked from FAA §702 collection on The selector was detasked No data was collected from	
v. (U) Data-Handling Errors (b)(3)-P.L. 86-36	
(U// FOUO) an NSA analyst mistakenly e-mailed FAA §702 traffic to personnel not authorized to receive FAA§702 data. The e-mails were recalled	
(U//FOUO) a SIGINT analyst unintentionally forwarded unminimized USP information in FAA §702 traffic to an unauthorized analyst. The traffic was purged from unauthorized databases (b)(1)	
vi. (U) Over-collection (b)(3)-P.L. (b)(3)-18 U(b)(3)-50 U(b)(4)-50 U(b)(5)-50 U(b)(5)	SC 798
(S//REL TO USA, FVEY)	
(S//REL TO USA, FVEY)	
(TS//SI//REL-TO USA, FVEY)	

	(b)(1) (b)(3)-P.L. 86-36 —(b)(3)-18 USC 798
b. (U) Section 705(b)	(b)(3)-50 USC 3024(i)
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 repowere issued.	
ii. (U) Database Queries (b)	(1) (3)-P.L. 86-36
(S//SI//REL TO USA, FVEY) an NSA analyst was discovered to hat queried in a raw traffic database on the selector associated with an FAA §705(b)-authorize target who is located in the United States. The selector had been determined but the analyst did not so information when he researched the selector before performing the query. The analyst deletermined the query and the results and no reports were issued.	ed tasked see this
(S//SI//REL TO USA, FVEY) an NSA analyst performed database on valid FAA §705(b) selectors in raw traffic databases that contain FAA §702 data. The did not follow query guidelines, violating FAA §702 minimization procedures. The querie deleted. No data was collected, and no reports were issued.	analyst
D. (U) Other	
1. (U) Unauthorized Access	
mission systems did not include a requirement for an operational review or mission justific 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 of the unauthorized access is being evaluated, and a review of the approval process is under these efforts are complete, corrective measures will be implemented.	extent
	o)(3)-50 USC 3024(i)
(S//SI//REL TO USA, FVEY) were intercepted as surveillance equipment training, in accordance with authorized procedures. However, the trainees read and discussed the content rather than deleting them as so the equipment was calibrated. All trainees were counseled on proper procedures.	
(U/ FOUO) an NSA analyst queried a raw traffic database using a sel associated with a valid foreign intelligence target but did not exclude dates during which the (b)(3)	
(5)(3	,

	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) an NSA analyst disseminated USP information to external organizations. When the USP status was discovered the product was recalled and destroyed.
	(U// FOUO) NSA/CSS discovered that
)(3)-P.L. 86-	
(3)-F.L60-	an NSA analyst shared with an external organization without proper authorization raw SIGINT containing the identity of a USP. The SIGINT indicated that the USP may have been a target of hostile intelligence activity, but proper approval for dissemination had not been granted.
	NSA/CSS attempted to validate the security of an NSA-hosted webpage that was in development. The existing development firewall, however, did not prevent unauthorized users from accessing the link. The link was removed from the operational webpages, and development firewalls have been upgraded with stronger security.
	(U// FOUO) a SIGINT analyst disseminated Top Secret SIGINT metadata on a SECRET network. The affected accounts were deleted, and the SIGINT was purged from the network.
	3. (U) Unauthorized Collection and Data Retention (b)(3)-P.L. 86-36 (b)(3)-50 USC 3024(i)
	(S// REL TO USA, FVEY) an NSA analyst discovered that The selector, originally believed to
	be for a valid foreign intelligence target, was determined to be for a USP on and was detasked along with other selectors for the target that same day.
ľ	Traffic collected from was purged by and no reports were issued.
	4. (U) Consensual Collection (b)(1) (b)(3)-P.L. 86-36
	(U//FOUQ) On occasions from NSA analysts discovered that consensual agreements authorizing the targeting of USPs had expired and that the associated selectors had remained on tasking until the following day. Upon discovery, the analysts detasked the selectors. No collection had occurred during the violation periods. A software modification is being implemented to detask consensual collection selectors automatically when the consent expires.
	(U// FOUO) an NSA analyst discovered that tasking in support of a (b)(3)-P.L. 86-36 consensual collection request had begun two days before the request was approved. The analyst believed that the request had already been approved on the basis of the

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effective dates of the consent. The selectors were not detasked	
because the approval was nearing completion at the time the error was discovered. No co	llection
had occurred during the violation period.	
	(b)(1)
	(b)(3)-P.L. 86-36
` ' '	(b)(3)-18 USC 798 (b)(3)-50 USC 3024(i)
	1
(TS//SI//NF)	
	1
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	1
location.	┪ \
To Camon.	-
	\
	\setminus
When collection occurred, data was purged from NSA/CSS's principal raw t	raffic
repositories when required.	b)(1)
	(3)-P.L. 86-36
(S//SI//NF)	(3)-50 USC 3024(i)
NSA analysts found e-mail selectors	
this quarter. When collection	
occurred, it was purged from NSA/CSS's principal raw traffic repositories when required	
(U// FOUO) Although not violations of E.O. 12333 and related directives, in instance	es.
database access was not terminated when access was no longer required. Once identified,	
accesses were terminated. In addition, there were instances of unauthorized access	
SIGINT and instances of account sharing during the quarter.	OTAW
storivi and histances of account sharing during the quarter.	
(U// FOUO) it was discovered that analysts working under Title 10	(non
, and an	* .
SIGINT/military operations) authority were exposed to raw SIGINT metadata. The expos	
which took place during the	(b)(3)-P.L. 86-36
occurred because system automa	
access controls malfunctioned. Manual controls have been put in place to ensure that acc	ess of
data is commensurate 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 weakness es 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

year	y review of certain terms. As a result of the review, more	(b)(1) (b)(3)-P.L. 86	2 2
than fore	terms were removed because the target offices concluded that they did not have gn intelligence value. No terms were removed because they did not have proper	(D)(3)-P.L. 60)-3
	prizations.		
	· · · · · · · · · · · · · · · · · · ·	_	

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

(U/EOUO) 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.

D. (U) Misuse of the U.S. SIGINT System
(U) Nothing to report. (b)(1) (b)(3)-P.L. 86-36 (b)(3)-P.L. 86-36
E. (U) Congressional and Intelligence Oversight Board Notifications (b)(3)-18 USC 798 (b)(3)-50 USC 3024(i)
(TS//SI//NF) NSA/CSS notified the Congressional intelligence committees of the unauthorized disclosure of classified information from NSA reporting
NSA believes that this disclosure has compromised intelligence sources and may severely affect our ability to provide timely and accurate foreign intelligence about activity
A copy of the notification is enclosed.
(TS//SI/NF) NSA/CSS followed up on the oral notification to the Congressional intelligence committees regarding incidents involving the over-collection of communications. Both incidents involved the acquisition of communications that were The DOJ provided preliminary notice of these incidents to the FISC See the referenced items under "Over-collection" on pages 7 and 8. A copy of the notification is enclosed. (b)(1) (b)(3)-P.L. 86-36
F. (U) Other Notifications (b)(1) (b)(3)-P.L. 86-36 (b)(3)-18 USC 798 (b)(3)-50 USC 3024(i)
-(S//NF) NSA/CSS has notified the Attorney General of consensual and nonconsensual intelligence-related collection activities for USP hostage or detainee cases.
III. (U) Substantive Changes to the NSA/CSS IO Program
(U) Nothing to report.
IV. (U) Changes to NSA/CSS Published Directives or Policies Concerning
Intelligence, Counterintelligence, or Intelligence -Related Activities and the Reason for the Changes
Reason for the Changes