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Department of Defense

(U) Annual Report to Congress on the Activities of the Council on Oversight of the National Leadership Command, Control, and Communications System



The estimated cost of report for the Department of Defense is approximately \$20,000 for the 2015 fiscal year. This includes \$16,000 in expenses and \$4,410 in DoD labor.

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Report to the Congressional Defense Committees
As Required by H.R. 3304 PUBLIC LAW 113-66

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I. (U) INTRODUCTION

(U) The "National Defense Authorization Act (NDAA) for Fiscal Year 2014, H.R. 3304, Public Law 113-66," in section 1052, amends Chapter 7 of title 10, United States Code, to add section 171a. This new section establishes within the Department of Defense a "Council on Oversight of the National Leadership Command, Control, and Communications System." NDAA section 1052 also requires that "At the same time each year that the budget of the President is submitted to Congress pursuant to section 1105(a) of title 31, the Council shall submit to the congressional defense committees a report on the activities of the Council. Each report shall include the following:

- (1) (U) A description and assessment of the activities of the Council during the previous fiscal year.*
- (2) (U) A description of the activities proposed to be undertaken by the Council during the period covered by the current future-years defense program under section 221 of this title.*
- (3) (U) Any changes to the requirements of the command, control, and communications system for the national leadership of the United States made during the previous year, along with an explanation for why the changes were made and a description of the effects of the changes to the capability of the system.*
- (4) (U) A breakdown of each program element in such budget that relates to the system, including how such program element relates to the operation and sustainment, research and development, procurement, or other activity of the system."*

(U) The Department submits the following report in response to that request.

II. (U) ACTIVITIES OF THE COUNCIL DURING THE FISCAL YEAR 2014

A. (U) GENERAL. The Council conducted five in-person meetings and an additional electronic meeting between February and December of 2014 during which all the specific National Leadership Command, Control, and Communications System (NLC3S)¹ responsibilities of the Council were performed.

B. (U) OVERSIGHT OF PERFORMANCE ASSESSMENTS (INCLUDING INTEROPERABILITY) (Office of Primary Responsibility (OPR): Joint Staff (JS)/Deputy Director for Nuclear, Homeland Defense, and Current Operations (J33). Offices of Collateral Responsibility (OCRs): White House Military Office (WHMO), DoD Chief Information Officer (CIO)).

¹ NLC3S is the Congressional term for what DoD refers to as the National Leadership Command Capabilities (NLCC).

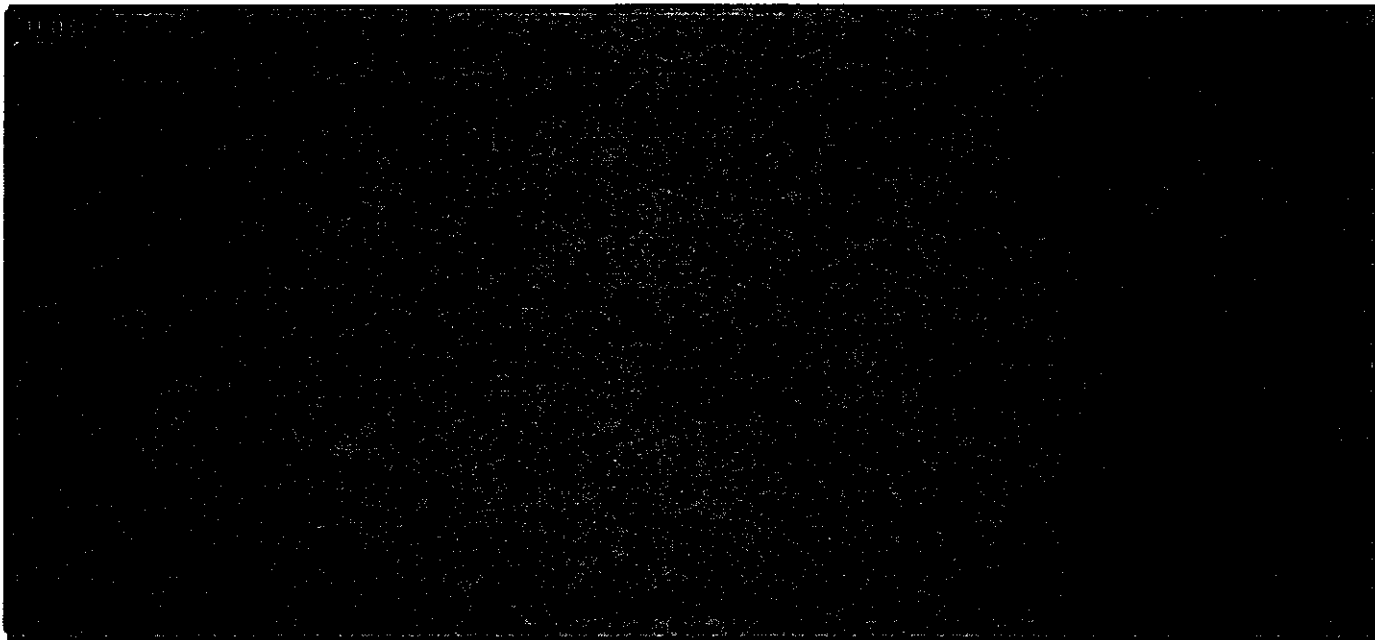


Figure 1 – (U) NCS Assessments

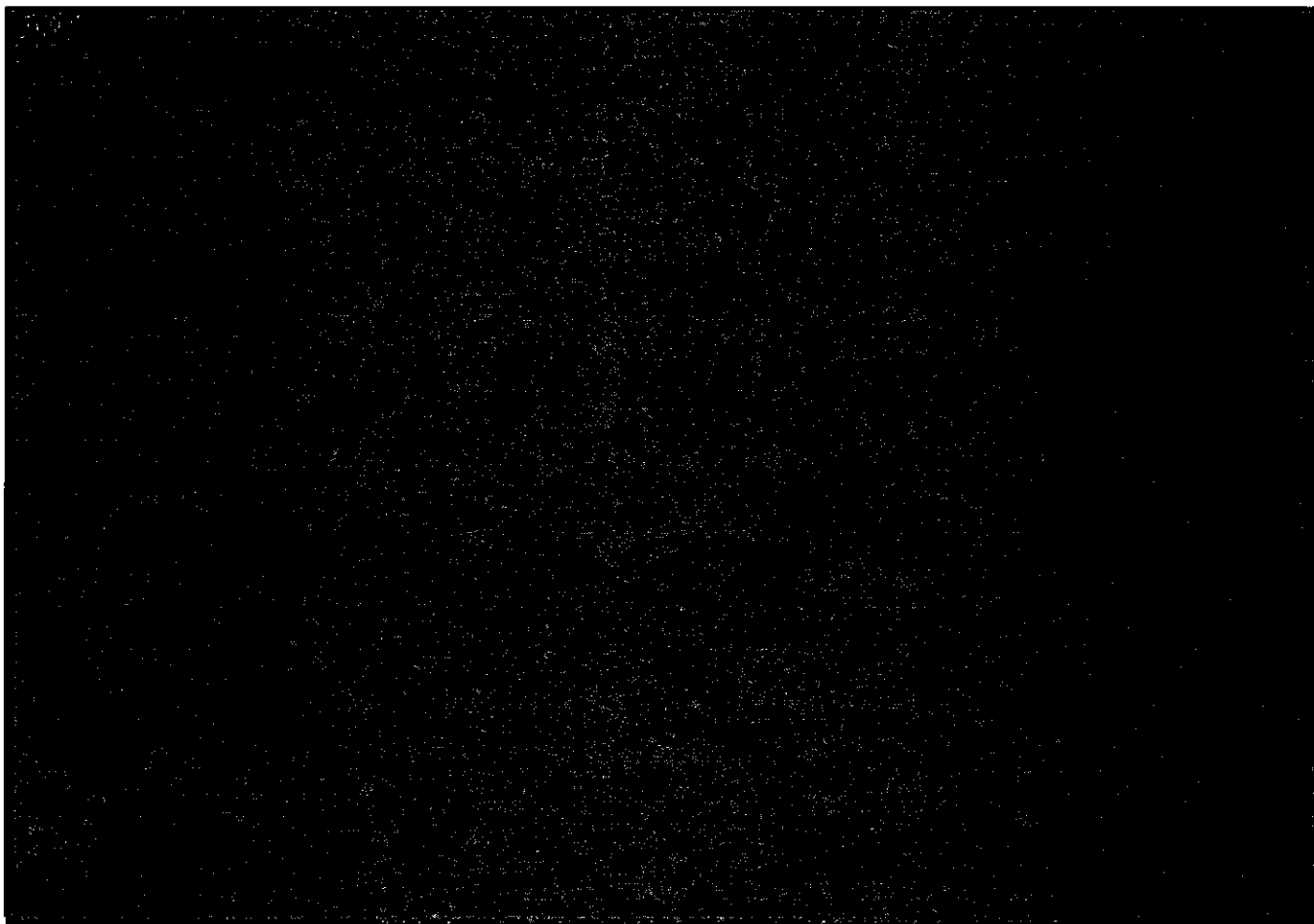
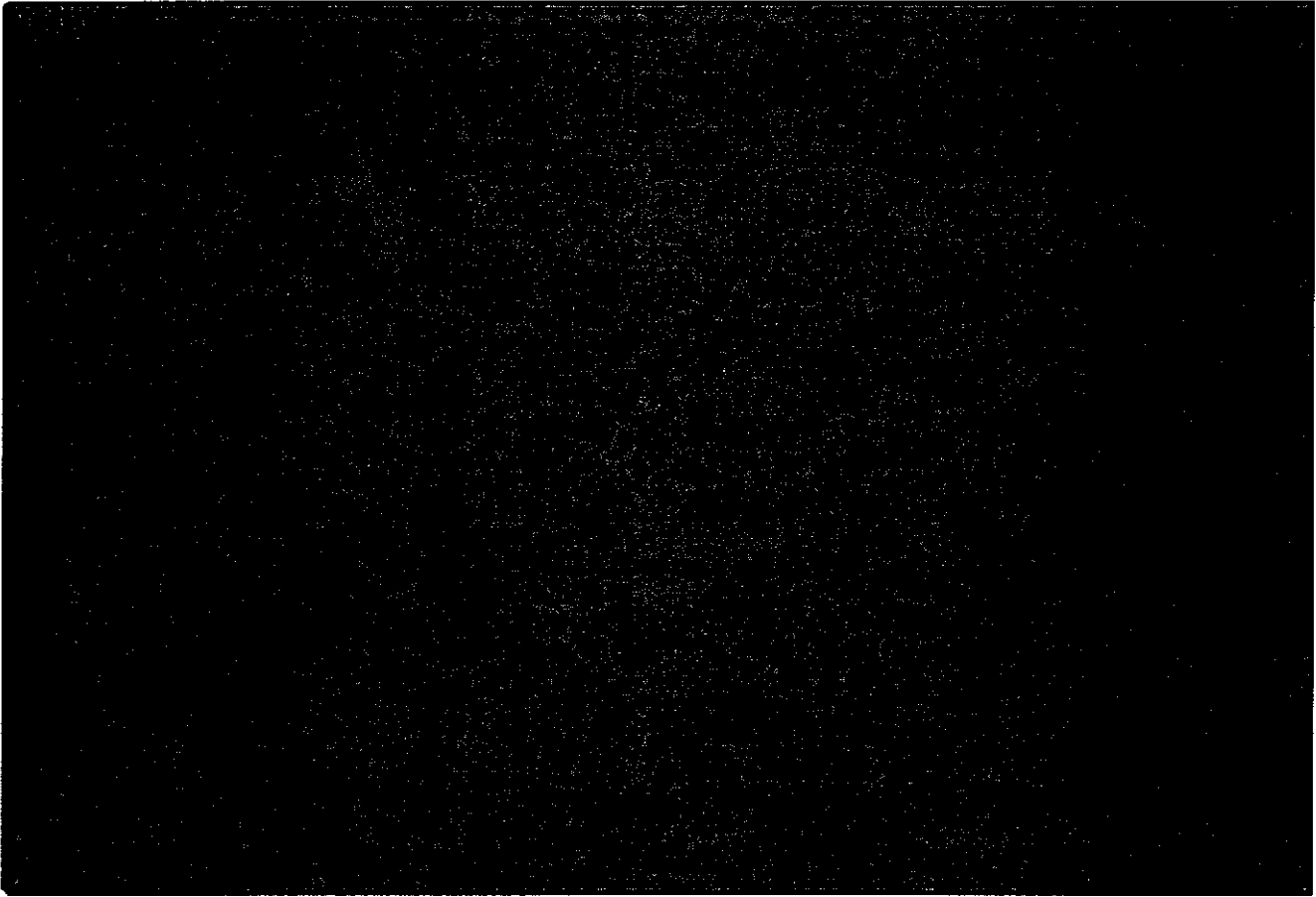


Figure 2 – (U) Integrating NCS Assessments

² Senior leader and national leader are used synonymously in this document.

C. (U) VULNERABILITY IDENTIFICATION AND MITIGATION (OPRs: U.S. Strategic Command (USSTRATCOM), JS, Under Secretary of Defense for Intelligence (USD(I)). OCRs: Defense Information Systems Agency (DISA)/Joint Systems Engineering and Integration Office (JSEIO), National Security Agency (NSA)/Information Assurance Directorate, DoD CIO).



(U) Request for Comprehensive NLCC Threat Assessment. The Council requested an initial and recurring comprehensive NLCC threat assessment through the Office of the Director of National Intelligence from the Intelligence Community. Specific focus areas requested include:



D. (U) ARCHITECTURE DEVELOPMENT (OPR: DoD CIO, OCRs: DISA/JSEIO, NSA, USSTRATCOM)

(b)(1)

(U) DISA/JSEIO completed the NLCC Reference Architecture that provides technical positions and guidance to be used in developing NLCC solution architectures.

(U) The last piece of this architectural approach is the specific Solution Architectures being developed by system owners, service providers, and resource providers, including DoD Agencies, Services, and Combatant Commanders.

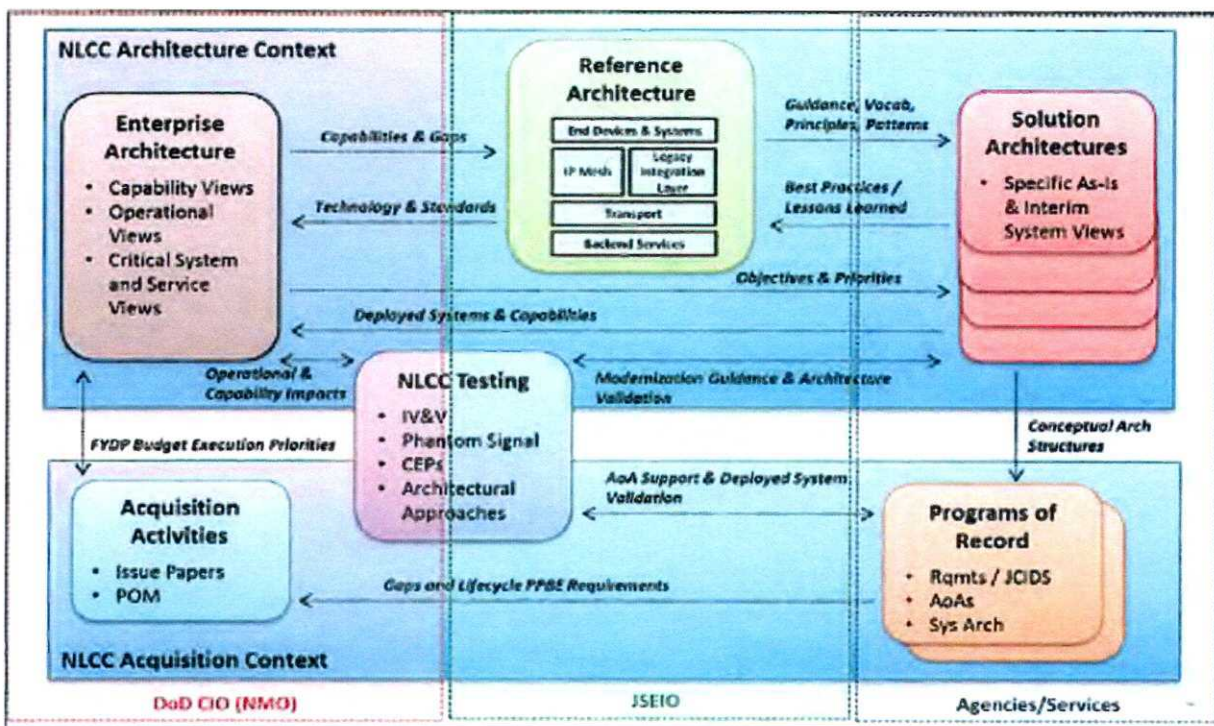
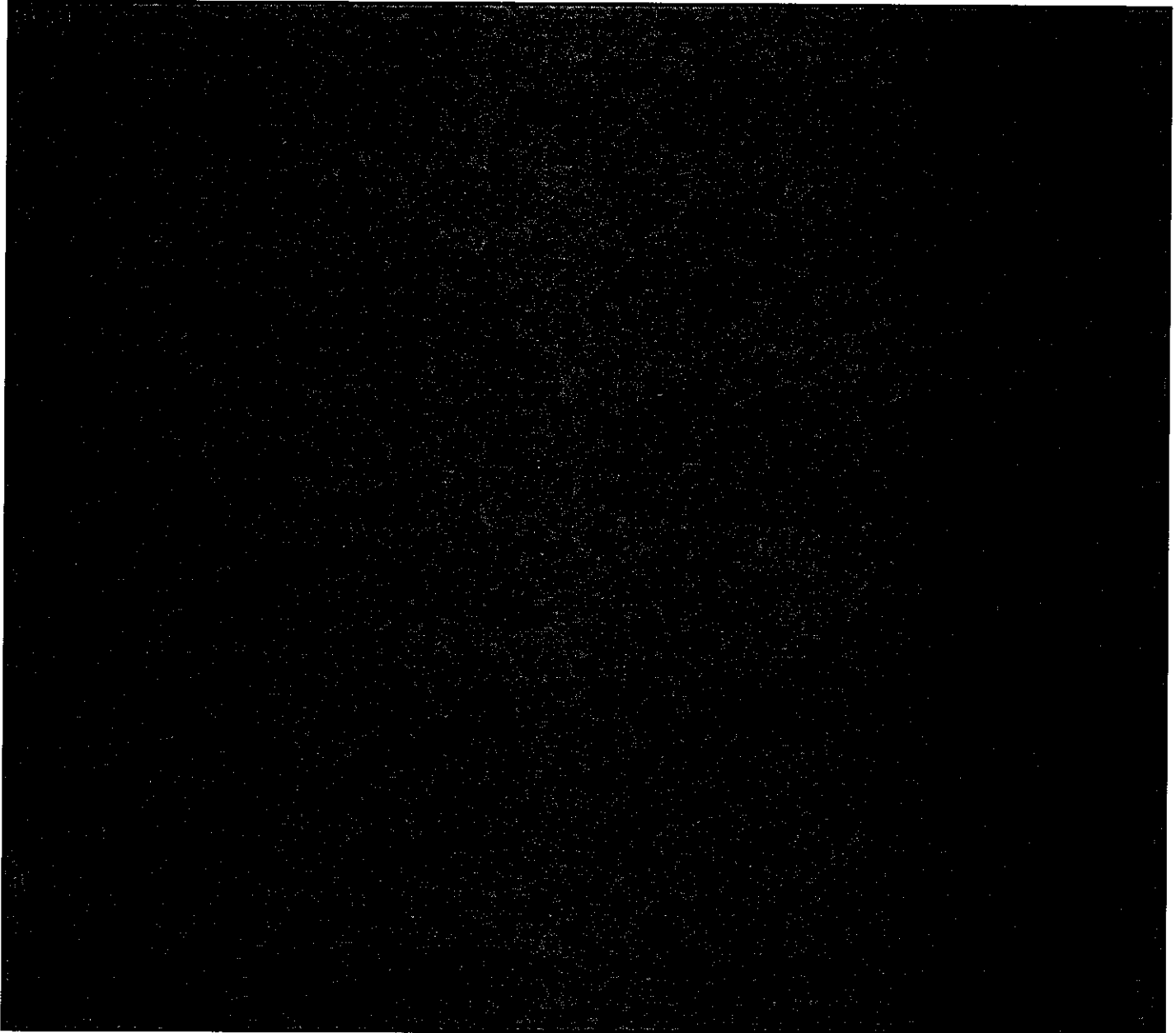


Figure 3 – (U) NLCC Architecture Development and Responsibilities

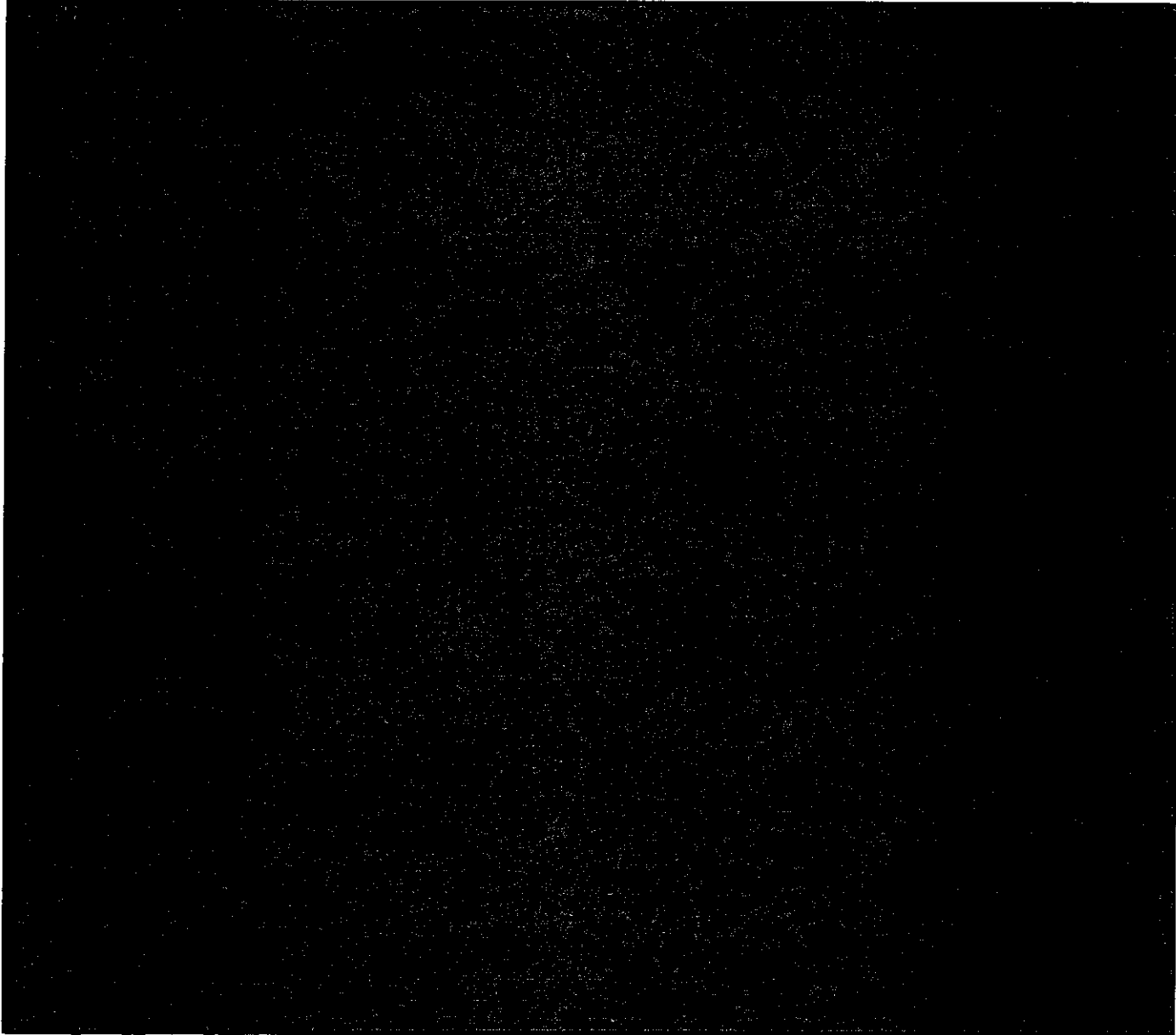
E. (U) RESOURCE PRIORITIZATION (OPR: All)

(b)(1)



F. (U) OTHER

(U) Table 1 gives a meeting-by-meeting overview of topics addressed by the Council over the previous year.



Council Responsibilities

- | | | | |
|--|-------------------------------|--------------------------------|--|
| #1 - Performance Assessments | #3 - Architecture development | #5 - Other | #7 - USSTRATCOM/CJS Budget Assessments |
| #2 - Vulnerability Identification/mitigation | #4 - Resource prioritization | #6 - Annual Report to Congress | |

Table 1 - (U) Council 2014 Work Plan

III. (U) ACTIVITIES PROPOSED TO BE UNDERTAKEN BY THE COUNCIL DURING THE CURRENT FYDP

(U) This is a living document with frequent updates and emerging topics.

Agenda/Date	FY 2016	FY 2017-2020
Updates	Architecture (including roadmaps) Vulnerabilities Resources/Investment Strategy Assessments	
Topics	B-2 Beyond Line of Sight Comms	NLCC Overarching ICD Focus Areas: Command and Control Cybersecurity Communications Protection Awareness
	E-4 Replacement	
	IP Conferencing	
	National Security/Emergency Preparedness Comms	
	Regional Nuclear Ops & Deterrence	

Table 2 - (U) Council Work Plan FYDP 2016-2020

IV. (U) CHANGES TO REQUIREMENTS OF THE NLC3S MADE DURING THE PREVIOUS YEAR

1. (U) NLCC Overarching Initial Capabilities Document (approved by Joint Requirements Oversight Council May 2014). See Enclosure 1.
2. (U) NLCC Strategic Concept (signed by DoD CIO Dec 2014). See Enclosure 2.

V. (U) BREAKDOWN OF NLC3S PROGRAM ELEMENTS. See Enclosure 3.

SIGNED:


JAMES A. WINNEFELD, JR.
Admiral, U.S. Navy
Vice Chairman of the Joint Chiefs of Staff


FRANK KENDALL
Under Secretary of Defense
for Acquisition, Technology, and Logistics

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GLOSSARY OF TERMS

AEHF	Advanced Extremely High Frequency
AO	Authorizing Official
AoA	Analysis of Alternatives
BLOS	Beyond Line-of-Sight
C3	Command, Control, and Communications
CDRUSSTRATCOM	Commander, United States Strategic Command
CDRUSNORTHCOM	Commander, United States Northern Command
CEP	Continuing Evaluation Program
CJCS	Chairman of the Joint Chiefs of Staff
COCOM	Combatant Commander
DSCS	Defense Satellite Communications System
DISA	Defense Information Systems Agency
DMAG	Deputy's Management Action Group
DoD CIO	Department of Defense Chief Information Officer
DSP	Defense Support Program
EHF	Extremely High Frequency
FAB-T	Family of Beyond Line-of-Sight-Terminal
FBM	Fleet Ballistic Missile
ICD	Initial Capabilities Document
IP	Internet Protocol
ITW/AA	Integrated Tactical Warning/ Attack Assessment
JCIDS	Joint Capabilities Integration and Development System
JRSC	Jam-Resistant Secure Communications
JS	Joint Staff
JSEIO	Joint Systems Engineering & Integration Office
MGS	Mobile Ground System
NAOC	National Airborne Operations Center
NC3	Nuclear Command, Control, and Communications
NCRA	NC3 Cyber Risk Assessment
NDAA	National Defense Authorization Act
NLC3S	National Leadership Command, Control, and Communications System
NLCC	National Leadership Command Capability
NMCC	National Military Command Center
NSA	National Security Agency
NUDET	Nuclear Detonation

PAO	Principal Authorizing Official
PNVC	Presidential and National Voice Conferencing
S2E2	SBIRS Survivable and Enduring Evolution
SATCOM	Satellite Communications
SBIRS	Space-Based Infrared System
SLC3S-A	Senior Leader Command, Control, and Communications System – Airborne
SMART-T	Secure, Mobile, Anti-jam, Reliable Tactical-Terminal
USCYBERCOM	United States Cyber Command
USD(I)	Under Secretary of Defense for Intelligence
WGS	Wideband Global SATCOM
WHMO	White House Military Office

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**Enclosure 1, NLCC Overarching ICD
(Insert Attachment B here)**

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**Enclosure 2, NLCC Strategic Concept
(Insert Attachment C here)**