NGLD Acronyms

Procedure Number: N/A

Department Owner: N/A

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1   DEFINITIONS

Abbr.	Term	Description	Category	Pg.
AAA	Authentication-Authorization-Accounting	State characterized by the activities to control user access into the system after NGLD-M achieves power-up. The NGLD-M can power-up without the use of a CIK; which results in the NGLD-M ready for MA mode of operations.	State	
ACES	Automated Communication Engineering Software		-	
AEHF	Advanced Extremely High Frequency		-	
AES	Advanced Encryption Standard		-	
AKDELIV	Application Key Marerial Delivery		-	
AoA	Analysis of Alternatives		-	
API	Application Programming Interface		Software Component	
ARL	Authority Revocation List		-	
AT	Acceptance Test		-	
ATO	Authority to Operate		-	
AXID	Association and Exchange Identifier		-	
BF	Benign Fill		-	
BIT	Built-in Test		-	
CAC	Common Access Card		-	
CBRN	Chemical, Biological, Radiological, and Nuclear		-	
CCI	Controlled Cryptographic Item		-	
CFDI	Common Fill Device Interface		-	

Definitions continued from previous page				
Abbr.	**Term**	**Description**	**Category**	**Pg.**
CIK	Cryptographic Ignition Key		-	
CMS	Cryptographic Message Syntax		-	
COMSEC	Communications Security		-	
CPD	Capabillity Production Document		Documenta-tion	
CPU	Central Processing Unit		-	
CREDRQ	Credential Request		-	
CRL	Certificate Revocation List		-	
CSC	Computer Software Component		-	
CSCI	Computer Software Configuration Item		-	
CS$_F$C	Commerical Solutions for Classified		-	
CSR	Certificate Signing Request		-	
CSU	Computer Software Unit		-	
CT$_3$	Common Tier 3		-	
CUI	Controlled Unclassified Information		-	
DBDD	Data Base Design Document		Documenta-tion	
DoD	Department of Defence		-	
DoDIN	DoD Information Network		-	
DoDIN-A	DodIN-Alternate		-	
DSS	Digital Signature Standard		-	
DTD	Digigal Transfer Device		-	
ECDH	Elliptic Curve Diffie-Hellman		-	
ECM	Electronic Counter Measure		-	
ECU	End Cryptographic Unit		-	
ECURS	ECU Response		-	
EKMS	Electronic Key Management System		-	
EP	Electronic Protection		-	

Definitions continued from previous page				
Abbr.	**Term**	**Description**	**Category**	**Pg.**
ESN	Electronic Serial Number		-	
ESOH	Environmental, Safety, and Operational Health		-	
ESP	Encapulating Security Payload		-	
FH	Frequency Hopping		-	
FM	Frequency Modulation		-	
FOUO	For Official Use Only		-	
FSDA	Fail Safe Design Analysis		-	
FTPS	File Transport Secure Protocal		-	
GBPS	Gigabits per second		-	
GCM	Galios/Counter Mode		-	
GCM	Galios Counter Measure		-	
GFS	Government Furnished Software		-	
GICv4	Generic Interrupt Controller version 4		-	
GPS	Global Positioning System		-	
HA	High Assurance		-	
HAIPE	High Assurance Internt Protocol Encryptor		-	
HBSS	Host Based Security System		-	
HEMP	High-Altitude Electromagnetic Pulse		-	
HUM	Human User Management		-	
IA	Identity certificate		-	
IAPP	Intermdiary Application		-	
IASRD	Information Assurance Security Requirements Document		Documenta-tion	
IAVA	Information Assurance Vulnerability Alert		-	
ICD	Interface Control Document		Doucmenta-tion	
IDD	Interface Design Document		Documenta-tion	

	Definitions continued from previous page			
Abbr.	**Term**	**Description**	**Category**	**Pg.**
IDPDE	iApp OTNK Device PDE Storefront		-	
ILMA	iApp Last Mile API		-	
IP	Internet Protocol		-	
JENM	Joint Enterprise Network Manager		-	
JMPS	Joint Mission Planning System		-	
K	Thousand		-	
KBPS	Kilobits per second		-	
KE	Key Encryption certificate		-	
KEYMAT	Key Material		-	
KLS	Key Load Status		-	
KMI	Key Management Infrastucture		-	
KMIDPDE	KMI Device PDE Storefront		-	
KRDELIV	Key Replacement Delivery		-	
LKEK	Local Key Encryption Key		-	
LMA	Last Mile API		-	
LPDDR4	Low Power Double Data Rate generation 4		-	
MA	Medium Assurance		-	
MBPS	Megabits per second		-	
MGC	Management Client		-	
MGCDPDE	KMI MGC Device PDE		-	
MOPP	Mission Oriented Protective Posture		-	
MPMSS	Mission Planning Mission Support System		-	
MVC	Model-View-Controller		-	
NCD	??? Network Configuration Device		-	
NGLD	Next Generation Load Device		-	
NGLD-M	Next Generation Load Device – Medium		-	
NIC	Network Interface Card		-	

Definitions continued from previous page				
Abbr.	**Term**	**Description**	**Category**	**Pg.**
NIPRNᴇᴛ	Non-classified Internet Protocol Router Network		-	
NIPXY	NGLD-M – iApp Proxy Connection		-	
NLMA	NGLD-M Last Mile API		-	
NMDPDE	NGLDM Device PDE Storefront		-	
NNG	Nanomgs_{tm} Next Generation		-	
NSA	National Security Agency		-	
OS	Operating System		-	
OSD	Operational Security Doctrine		-	
OTAD	Over-the-Air-Distribution		-	
OTNK	Over-the-Network-Keying		-	
PAL	Product Availability List		-	
PDE	Product Delivery Enclave		-	
PKCS	Public-Key Cryptography Standards		-	
QRG	Quick Reference Guide		Documenta-tion	
RAM	Reliability, Availability, Maintainability		-	
RAM	Random Access Memory		-	
RCF	Radio Configuration Files		-	
RDT&E	Research, Development, Test, and Evaluation		-	
RFC	Request For Comments		-	
RJ45	Ethernet		-	
RMF	Risk Management Framework		-	
RoBAC	Role Based Access Control		-	
ROC	RDT&E Operations Center		-	
RSA	Rivest, Shamir, and Adelman		-	
RV	Receive Variable		-	
S2	Software Signature		-	

Definitions continued from previous page				
Abbr.	**Term**	**Description**	**Category**	**Pg.**
SAAR-N	Systems Authorization Access Request – Navy		-	
SDD	System Design Document		Documentation	
SHA	Secure Hash Algorithm		-	
SHS	Secure Hash Standard		-	
SINCGARS	Single Channel Ground Air Radio System		-	
SIPRNᴇᴛ	Secret Internet Protocol Router Network		-	
SKL	Simple Key Loader		-	
SNMP	Simple Network Management Protocol		-	
SOC	Security Operations Center		-	
SOI	Signal Operating Instruction		-	
SQL	Structured Query Language		-	
SRD	System Requirement Document		Documentation	
SRG	Security Requirements Guide		Documentation	
SSO	System Security Officer		-	
SSP	Spoof Protection		-	
ST	Short Title		-	
STE	Secure Telephone Equipment		-	
STIG	Security Technical Implementation Guide		Documentation	
STU-III	Secure Telephone Unit, Third Generation		-	
SWAP	Size, Weight, and Power		-	
TAMP	Trust Anchor Management Protocol		-	
TBD	To Be Determined		-	
TEMPEST	Transient Electromagnetic Pulse Emanation Standard		-	
TFTP	Trivial File Transfer Protocol		-	

Abbr.	Term	Description	Category	Pg.
	Definitions continued from previous page			
TLS	Transport Layer Security		-	
TOD	Time of Day		-	
TrKEK	Transfer Key Encryption Key		-	
TSK	Transmission Security Key		-	
UAG	User Authentication General		-	
UAS	User Application Software		-	
UI	User Interface		-	
URI	Uniform Resource Identifiers		-	
US	United States		-	
USB	Universal Serial Bus		-	
UTC	Universal Time Code		-	
UTIL	Utility		-	
UX	User eXperience		-	
VESN	Virtual ESN		-	
VG	Variable Generate		-	
VHF	Very High Frequency		-	
VU	Varable Update		-	
WOD	Word of the Day		-	
XML	eXtensible Markup Language		-	

ACRONYMS

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TSK	Transmission Security Key ()
UAG	User Authentication General ()

UAS	User Application Software ()	
UI	User Interface ()	
URI	Uniform Resource Identifiers ()	
US	United States ()	
USB	Universal Serial Bus ()	
UTC	Universal Time Code ()	
UTIL	Utility ()	
UX	User eXperience ()	
VESN	Virtual ESN ()	
VG	Variable Generate ()	
VHF	Very High Frequency ()	
VU	Varable Update ()	
WOD	Word of the Day ()	
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