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Description of document: National Reconnaissance Office (NRO) Mandatory

Declassification Review (MDR) Log, 2011-2016

Requested date: 22-October-2016

Released date: 22-November-2016

Posted date: 05-December-2016

Source of document: Mandatory Declassification Review Request

NRO

National Reconnaissance Office

COMM-IMSO-IRRG 14675 Lee Road

Chantilly, VA 20151-1715

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#### NATIONAL RECONNAISSANCE OFFICE

14675 Lee Road Chantilly, VA 20151-1715

22 November 2016

This is in response to your letter dated 22 October 2016 and received in the National Reconnaissance Office (NRO) on 2 November 2016. Pursuant to Executive Order 13526, Section 3.6, you requested a mandatory declassification review of "the Mandatory Declassification Review (MDR) Log maintained by the National Reconnaissance Office...2011 to present."

A thorough search of NRO files and databases located the information you requested. Eight responsive pages are being released to you in part. The names of NRO employees and/or information related to NRO functions and activities are exempt from public release in accordance with the provisions of Section 3.5(c) of E.O. 13526.

You have the right to appeal this determination to the NRO Appellate Authority, 14675 Lee Road, Chantilly, VA 20151-1715, within 90 days of the above date. Should you decide to do this, please explain the basis of your appeal.

If you have any questions, please call the Requester Service Center at (703) 227-9326 and reference case number EOM-2017-00003.

Sincerely,

Patricia B. Cameresi FOIA Public Liaison

#### Approved for Release: 2016/11/22 C05096902

Case Number	Status	Case Type	SubType	Track	Date Open	Description	Requestor	Date Closed
E-13-5	Closed	Mandatory Declassification			11/30/2012	APPEAL -Pages 94-96 of "The GAMBIT Story"	Pesavento, Peter	12/10/201
E-13-4	Closed	Mandatory Declassification	The state of the s		11/15/2012	1) Weekly Activity Report 10/28/82 (2pages) 2) Weekly Report 10/29/82 (2 pages) 3) Weekly Report 10/28/82 (1 page)	Weinberg, David	11/21/201
E-13-3	Closed	Mandatory Declassification	Initial	MDR	11/1/2012	Referral from SMC - DTIC #AD362544 on the Discovery satellite system. Record titled, "Thermal Restudy of the Discoverer Mark 2 Vehicle"  See also F13-0009	Segletes, Steven	11/1/201
E-13-2	Closed	Mandatory Declassification		A STATE OF THE STA	1	Two Parts: 1) All released documents about Film Readout GAMBIT from October 2012 and 2) higher quality pictures of QUILL Antenna, QUILL Fairing, and Figures 22 and 23 in the QUILL Butterworth history.	David, James	10/24/201
E-13-1	Closed	Mandatory Declassification	Initial		10/11/2012	Records of the Film Read Out GAMBIT, or FROG, program.	Horzempa, Philip	10/25/201
E-12-74	Closed	Mandatory Declassification			9/18/2012	Records of all meetings between SECDEF Robert McNamara and DNRO Charyk between October 16th and October 27th 1962	Burr, William	10/1/201
E-12-66	Closed	Mandatory Declassification			8/3/2012	"Document identified (title redacted) at the very top of page two of the NRO History Office Bibliography of Historical Publications"	Ravnitzky , Michael	8/10/201
E-12-67	Closed	Mandatory Declassification			8/3/2012	"The Full historical Document identified (title redacted) as the sixth item under the SIGINT category, on page two of the NRO history Office Bibliography of Historical Publications"	Ravnitzky , Michael	8/10/201
E-12-58	Closed	Mandatory Declassification			7/19/2012	Surveillance of Cuba (1 page)	Dirks, John	7/26/201
E-12-59	Closed	Mandatory Declassification			7/19/2012	Commercial Satellite Communications (SATCOM) Survivability (2 pages)	Laprise, John	7/26/201
E-12-60	Closed	Mandatory Declassification	The second secon		7/19/2012	APPEAL: Videos 1) Overt to Covert, 2) Minutes 14:00-53:45 in NRO Historical Overview video.  Original: Three videotapes: 1) Media Training (Strickland, Olsen and Fitzgeral). 2) NRO Historical Overview. 3) Overt to Covert	Ravnitzky , Michael	10/24/201
E-12-55	Closed	Mandatory Declassification			7/10/2012	Request all Memoranda from L.B. Molaskey of Perkin-Elmer from 26 July 1971 - May 1972 found within NRO ARC, Job 199900043 Box 4 File 24. About TRIESTE Recovery.	Mathers, Lee	7/26/201
E-12-56	Closed	Mandatory Declassification			7/10/2012	Memo for the SecDef: Management of National Reconnaissance Program (1page)	Outzen, James	7/10/201
E-12-49	Closed	Mandatory Declassification			6/22/2012	"History of the POPPY Satellite System. NRO, Director, Program C, October 1978"	Ravnitzky , Michael	6/22/201
E-12-50	Closed	Mandatory Declassification			6/22/2012	"Synchronous SIGINT Satellite Operations, A Continuing History. Two Volumes. NRO, Program B, Cir 1986 and December 1989"	Ravnitzky , Michael	7/9/201
E-12-51	Closed	Mandatory Declassification	Initial	MDR	6/22/2012	"Bradburn, David et al. The SIGINT Satellite Story. NRO, 1 December 1994" [Already in process in E12-0022] Fedex Tracking number: 9019 9692 8319	Ravnitzky , Michael	6/15/201
E-12-52	Closed	Mandatory Declassification	Initial	MDR	6/22/2012	"R. Cargill Hall. The Air Force and the National Security Space Program, 1946-1986. NRO, 1988" [Already in process in E12-0030]	Ravnitzky , Michael	6/30/201
E-12-47	Closed	Mandatory Declassification	Initial	The state of the s	6/20/2012	Records regarding the UPWARD programLunar Mapping and Survey System, or LMSS	Horzempa, Philip	8/6/201
E-12-43	Closed	Mandatory Declassification			6/18/2012	Volume V of the Robert A. Perry "A History of Satellite Reconnaissance" (218 pages)	Ravnitzky , Michael	6/19/201

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E-12-44	Closed	Mandatory Declassification			6/18/2012	"The Sixth document identified on the top of page 2 od the NRO history office Bibliography of Historical Publications"	Ravnitzky , Michael	6/19/2012
E-12-45	Closed	Mandatory Declassification			6/18/2012	"The sixth document identified under the SIGINT heading on page 2 of the NRO History Office Bibliography of Historical Publications"	Ravnitzky , Michael	6/19/2012
E-12-46	Closed	Mandatory Declassification	and the state of t			U.S. Navy Intelligence (SIGINT) Satellites (1958-1962), NRO, SIGINT Directorate/LEO System Program Office, 12 January 1998 [ See same request under F07-0088, E11-0019, and E12-0033]	Ravnitzky , Michael	7/9/2012
E-12-30	Closed	Mandatory Declassification			5/7/2012	The Air Force and National Secuity Space Program 1946-1986. Published 1988 by R. Cargill Hall (219 pages) [See also E12-0052] [In Coordination with USAF since June 2012]	Page , JT	9/5/2013
E-12-31	Closed	Mandatory Declassification			5/7/2012	Synchronous SIGINT Satellite Operations, a Continuing History, 1963-1989. [NRO Program B, Circa Dec 1989] (Ch I-IV. 53 pages; Ch V. 40 pages)	Page , JT	5/22/2012
E-12-32	Closed	Mandatory Declassification	Initial		5/7/2012	Air Force Special Projects Production Facility History. Volume I - Overview (335 pages); Volume II - Resources 152 pages; Volume III - Phaseout (39 pages)  [In coordination with USAF since July 2012]	Page , JT 5.5(C)	8/6/2014
E-12-33	Closed	Mandatory Declassification			5/7/2012	US Navy Intelligence [SIGINT] Satellites 1958-1962. NRO SIGINT Directorate/LEO Systems Program Office, 12 Jan 1998 (100 pages) See Also: F07-0088 and E11-0019 which are a larger history which this document is part of.	Page , JT	7/9/2012
E-12-34	Closed	Mandatory Declassification			5///2012	From the Sea to the Stars: History of the US Navy and Space-Related Activities. Center for Naval Analyses, June 1997.	Page , JT	9/10/2012
E-12-35	Closed	Mandatory Declassification			5/7/2012	A History of the Manned Orbiting Laboratory (MOL) Program (356 pages) [See also F11-0059, F12 143]	Page , JT	4/24/2013
E-12-36	Closed	Mandatory Declassification			5/7/2012	The NRO Research and Development Program 1960-1997 (36 pages)	Hagood, John	5/22/2012
E-12-22	Closed	Mandatory Declassification	Initial	MDR		The SIGINT Satellite Story (429 pages) [See also E12-0051] [ISCAP APPEAL 2013-060: As of 3/29/13]	Pesavento, Peter	6/12/2015
E-12-19	Closed	Mandatory Declassification			3/6/2012	Gambit Yellobrick Road (14 pages). Ten photographs to be included with the reprinted Gambit Story.	Outzen, James	3/6/2012
E-12-17	Closed	Mandatory Declassification			2/23/2012	EK Picture Book (32 pages)	Outzen, James	2/24/2012
E-12-11	Closed	Mandatory Declassification			12/13/2011	HEXGAON (KH-9) Mapping Camera Program and Evolution. Dated December 1982	Outzen, James	1/12/2012
E-12-9	Closed	Mandatory Declassification			12/2/2011	The KH-9 Search and MCG Performance Study Volume II Historical Performance Summary (73 pages)	Outzen, James	12/14/2011
E-11-59	Closed	Mandatory Declassification			8/8/2011	2 Disks RE: KH8 & KH9 Data Usage etc. For ITT in order for the Kodak people to include them in a history for their 30 Sep celebration event for the declassification of Gam-Hex.	Datema , Phil	2/7/2013
E-11-55	Closed	Mandatory _ Declassification			6/17/2011	Taking Stock of the National Reconnaissance Program (22 pages)	Kuskey, Ken	7/11/2011
E-11-38	Closed	Mandatory Declassification			3/14/2011	Oral history audio tape and/or written transcript for Dr. Hans Mark (5 Sep 01/27 Sep 01)	Page , JT	2/9/2012
E-11-39	Closed	Mandatory Declassification				Oral history audio tape and/or written transcript for John McLucas (12 Jul/15 Aug 01)	Page , JT	2/7/2012
E-11-40	Open	Mandatory Declassification	Initial	MDR	3/14/2011	Oral history audio tape and /or written transcript for Gen Thomas Moorman (7 Jun 1997)	Page , JT	

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d Mandatory Declassification Mandatory Declassification Mandatory Declassification Mandatory Mandatory Mandatory			1/25/2011	Oral History audio tape and/or written transcript for Keith Hall interview, 19-20 Dec, 0 (year		3/5/2012
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Declassification  Mandatory			1/25/2011		NAME OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.	10/18/2012
n e				Oral History for Franklynn Robert Sperberg, 7 Jul 1998. (22 pages)	Page , JT	2/26/2013
			1/25/2011	Oral History interview audio and/or written transcript with Alexander Flax, 22 May 1997.	Page , JT	1/25/2012
d Mandatory Declassification			1/25/2011	Oral History audio and/or written transcript from Dr. Charles Cook interview, 31 Jul 01/15 Aug ??.	Page , JT	2/24/2012
Mandatory Declassification				NRO Redaction Guide for Westfields Freedom of Information, Act Requests, 10 July 1995 (#4 on page 153 of NRO RRG, 2008)	Page , JT	8/16/2011
Mandatory Declassification			1/18/2011	SecDef memo "Declassification of Specified Information Relating to the National Reconnaissance Office, 15 Sep 1992 #9 on pg 153, NRO RRG 2008	Page , JT	3/15/2011
d Mandatory Declassification			1/18/2011	NRO CORONA, LANYARD (CAL) Declassification Guide, approved 2 August 1996 by DDNRO - item #8 on page 153 in the RRG	Page , JT	5/25/2011
d Mandatory Declassification					Page , JT	8/12/2011
d Mandatory Declassification			1/18/2011	"Declassified NRO Information," intended as general guidance for SAF/SP and SAF/SS Alumni #68 on pg 159 of NRO RRG 2008	Page , JT	8/11/2011
d Mandatory Declassification			]:	system (MIDAS) program classified national security information, 30 Nov 1998	Page , JT	7/14/2011
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E-11-17	Closed	Mandatory Declassification	Announcement Manager email to W31-all, Update on BYEMAN Retirement , 6 May 2005  1/18/2011 #130 on pg 165 of the RRG, 2008  14Feb11-Placed in holding queue.	Page , JT	9/27/2011
E-11-18	Closed	Mandatory Declassification	1/18/2011 DoD Office of Public Affairs Fact Sheet, SAMOS 3 Launch, 9 September 1961 #42 on pg 157 of RRG 2008	Page , JT	2/14/2011
E-11-19	Closed	Mandatory Declassification	US Navy/Program C Electronic Intelligence Satellites (1958-1977), published by LEO Systems Program Office 3 Sept 1998  #40 on pg 156 of RRG 2008  1/18/2011  NOTE: This document is in coordination w/Department of Navy as of May 2010, in case F07-0088. See Also E12-0033 is a portion of this from 1958-1962	Page , JT	7/9/2012
E-11-20	Closed	Mandatory Declassification	NRO Launch Information Protection Guide (NRO Launch IPG), 20 June 2004 1/18/2011 #11 on pg 154 of NRO RRG 2008	Page , JT	6/2/2011

Case Id	Subject	Requester	Case Manager	Grant C	Cas	Receipt	Creat	Close
E0M-2017-00003	THE MANDATORY DECLASSIFICATION REVIEW (MDR) LOG MAINTAINED BY THE NATIONAL				OPENI	11/02/2016	11/03/2016	
EOM-2017-00002	HISTORY OF THE POPPY SATELLITE SYSTEM - LAST RELEASED 6 JUNE 2012	GREENEWALD			OPENI	10/25/2016	10/25/2016	
EOM-2017-00001	FY 2010 CONGRESSIONAL BUDGET JUSTIFICATION - PUBLISHED MAY 2009	GREENEWALD		GIP	TLOSEDI	10/25/2016	10/25/2016	10/31/2016

3.5(c)

05096 Case Number	Status	Case Type	SubType	Track	₀Approved for Release: 2016/10/25 C05096594	Requestor	Date Closed
E-16-5	Closed	Mandatory Declassification	Initial	MDR	11/4/2015 RUFFER History, prepared by NSA, R321 Program Office, 30 September 1990, NSA 86594-90	Ravnitzky , Michael	11/13/2015
E-16-6	Closed	Mandatory Declassification	Initial	MDR	The full report (name unknown) which was mentioned at the bottom of page xiv of the history Th SIGINT Satellite Story, recently released and made public by the NRO.	Ravnitzky , Michael	1/7/2016
E-16-7	Open	<b>Mandatory Declassification</b>	Initial	MDR	11/4/2015 NSA in Space, April 1975, BYT-19385-75	Ravnitzky , Michael	
					Sharing Space - The Secret Interaction Between the National Aeronautics and Space Administratic and the National Reconnaissance Office	n	
					1. Chapter 4 and the endnotes thereto		
					2. The Shuttle section of chapter 5 and the endnotes thereto		
E-16-3	Open	Mandatory Declassification	Initial	MDR	10/14/2015 3. Chapter 7 and the endnotes thereto	David, James	
					4. Chapters 9, 10, 11 and the endnotes thereto		
					5. The Shuttle sections of chapter 12 and the endnotes thereto	*	
					6. The portions of the Chronology of NASA-NRO Interaction, 1961-1995		
					7. Appendix 12		
					8. Appendices 17-29		
					The History of KH-11 program containing:		
					1. A top view photograph of the original, assembled KH-11		
					2. A side view photograph of the original, assembled KH-11		
	7.6				3. A top view photograph of each subsequent version of the KH-11 in an assembled state		
					4. A side view photograph of each subsequent version of a KH-11 in an assembled state		
					5. A document with a schematic drawing of the complete original KH-11 spacecraft with call outs	of	
					the major components		
E-15-40	Open	Mandatory Declassification	Initial	MDR	9/29/2015 6. A schematic drawing of the of the complete spacecraft of each subsequent version of the KH-1 with call outs of the major components	David, James	
					7. A schematic drawing of the image-forming sensor of the original KH-11 with call outs of the		
					major components		
					8. A schematic drawing of the image-forming sensor of each subsequent version of the KH-11 with	1	
					call outs of the major components		
					9. An NPIC publication on the image-forming sensor of each subsequent version of the KH-11		
					10. An NPIC publication on the image-forming sensor of each subsequent version of the KH-11		
					11. The sections from a history (draft or final, government or contractor) concerning the image-		
					forming sensor of the original KH-11 and each subsequent version		
					12. A document listing the major contractors for the original KH-11 and each subsequent version		
					<ol><li>A document listing all the launches of the KH-11.</li></ol>		

#### Approved for Release: 2016/10/25 C05096594

E-15-37	Closed	Mandatory Declassification	Initial	MDR	8/25/2015	Records on KH-11:  1. Several high-quality photographs of an assembled satellite (for example, a side view and a top view similar to the images of the HEXAGON in a test facility which are set forth in "The HEXAGON Story) - If the size or configuration of the satellite changed significantly over time I would like several photographs of each version.  2. A high-quality line drawing or schematic drawing of the complete satellite with descriptions of the major components - If the major components or configuration of the satellite changed significantly over time I would like a high-quality line drawing or schematic of each version.  3. A document or documents on the image-forming sensors(s) (for example, something similar to the NRO data book on the GAMBIT 3 camera or the NPIC technical publication on the GAMBIT 1 camera, both of which are in "Critical to US Security") - If no such document exists, I would like a document or documents setting forth information similar to that contained in the "Numerical Summary of GAMBIT 3 Payloard", both of which are in "The GAMBIT 3 tory." I would like any documents to describe both any light-sensing dioes and CCDs used and the numbers, types, and sizes of the mirrors.  4. A document or documents setting forth the dimensions and weight of the satellite. If these changed significantly over time I would like documents with this information for each version.  5. A document or documents sisting the major contractors for the satellite.  6. A document or documents setting forth all or most of the following information: the mission number, launch date, photographic days (operational lifetime), best resolution, and brief remarks for each mission (for example), something similar to the GAMBIT 1 and GAMBIT 3 "Flight Summaries" in "The GAMBIT Story."	David, James	8/26/2015
E 15 36	Open	Mandatory Declassification	Initial	MDR	8/4/2015	Portions of "Sharing Space - The Secret Interaction Between the National Aeronautics and Space Administration and the National Reconnaissance Office" conterning the Hubble Space Telescope:  1. The Hubble section of chapter 5 and the endnotes thereto  2. Any relevant parts of chapter 8 and the endnotes thereto  3. The Hubble section of chapter 12 and the endnotes thereto  4. The relevant parts of the Chronology of NASA-NRO Interaction, 1961-1995, and the endnotes thereto  5. Appendix 9  6. Appendix 13  7. Any other relevant parts of the work and the endnotes thereto which are not listed above.	David, James	
E-15-35	Closed	Mandatory Declassification	Initial	MDR		Subsequent email clarifies that the requestor is seeing the only the endnotes, not the documents cited in the endnotes.  MDR request for the "Title page and table of contents of the recently completed history of NRO-NASA relations."	David, James	7/31/2015
F-15-34	Closed	Mandatory Declassification	Initial	MDR		Request for the following records on the Large Space Telescope/Hubble Telescope (LST/HST): "A Security Proposal for the Integration of the OTD Facility at Danbury, CT (BIF 007-0549-74" and any follow-on documents to this."	David, James	7/17/2015
E-15-10	Closed	Mandatory Declassification	Initial	MDR	11/3/2014	Document is listed in note 49 on page 198 of a "History of the Hexagon Program"  NRO films - Gambit: Eye of the Eagle  Hexagon: Sentinel of Liberty	Pesavento, Peter	11/25/2014
E-15-6	Closed	Mandatory Declassification	Initial	MDR	10/29/2014	Document titled, "Poppy Growth; capabilities vs. funding" 6 May 1971 BYE-52238/71 As retracted from History of Poppy Sat Sys (BYE 56105-78)	Page , JT	11/10/2014
E-15-7	Closed	Mandatory Declassification	Initial	MDR		off NRO webpage (pg A5-2) DNI Letter Op-922YB/mlk; BYE-10613-63 (Jan 21, 1963); System POPPY; reassignment of responsibilities	Page , JT	11/12/2014
E-13-7	Ciosed	Mandatory Deciassing (100)	muai	WIDN		Referenced from History of POPPY Sat System (BYE-56105-78) off NRO webpage (pg 65-2) "MAVY Satellite Program C"		11/12/2014
E-15-8	Closed	Mandatory Declassification	Initial	MDR	10/29/2014	8YE-51900/69 (2 Dec 1966) As referenced from History of POPPY Sat System (BYE56105-78) off NRO Webpage (pg A5-2)	Page , JT	11/12/2014

					Approved for Release: 2016/10/25 C05096594	I to the second	
E-15-9	Closed	Mandatory Declassification	Initial	MDR	10/29/2014 RRG Ref 161: Memo, DNRO "Declassification of the 'fact of' NRO Radar Sat Reconnaissance"  Dated 29 May 2008	Page , JT	11/20/2014
E-14-45	Closed	Mandatory Declassification	Initial	MDR	8/5/2014 "Original draft fully annotated", The Air Force and the National Security Space Program 1946-1986	Klotz, James	8/27/2014
E-14-41	Closed	Mandatory Declassification	Initial		"all security classified information, print or visual, related to the loss of TWA Flight 800, July 17, 1996, south of Long Island, 12 minutes after leaving JFK Airport."	Sanders, James	7/17/2014
					MDR request for select pages from the document titled "Preliminary Engineering Description of the	2	
E-14-35	Closed	Mandatory Declassification	Initial	MDR	4/8/2014 Survey Camera for the Apollo Mapping and Survey System. We had sent Mr. Horzempa a small part Horzempa, Philip of the document in 2012. We have the entire document "374 pages" already declassified for the UPWARD SDR, so it was decided to send him the entire document.		4/10/2014
E-14-34	Closed	Mandatory Declassification	Initial	MDR	4/7/2014 MDR request for the Building of HEXAGON	Waltrop, David	6/13/2014
E-14-15	Closed	Mandatory Declassification	Initial	MDR	3/6/2014 Waltrop Request	Waltrop, David	2/24/2015
E-13-35	Closed	Mandatory Declassification	Initial	MDR	9/13/2013 "Last Catch" document for article that's been approved by Prepublication Review	Waltrop, David	11/13/2013
E-13-33	Closed	Mandatory Declassification	Initial	MDR	9/4/2013 List used for Congressional briefing, cites KH-4 and KH-7, dated 10/19/1964	Greenwell, Regina	7/7/2014
E-13-32	Closed	Mandatory Declassification	Initial	MDR	8/29/2013 12 documents on the subject of Space Transportation System (STS)	Mitchell, Vance	4/24/2015
E-13-11	Closed	Mandatory Declassification			2/13/2013 Unclassified portions of the IRRG Codeword List. (29 pages/excel)	Wilson, James	2/26/2013