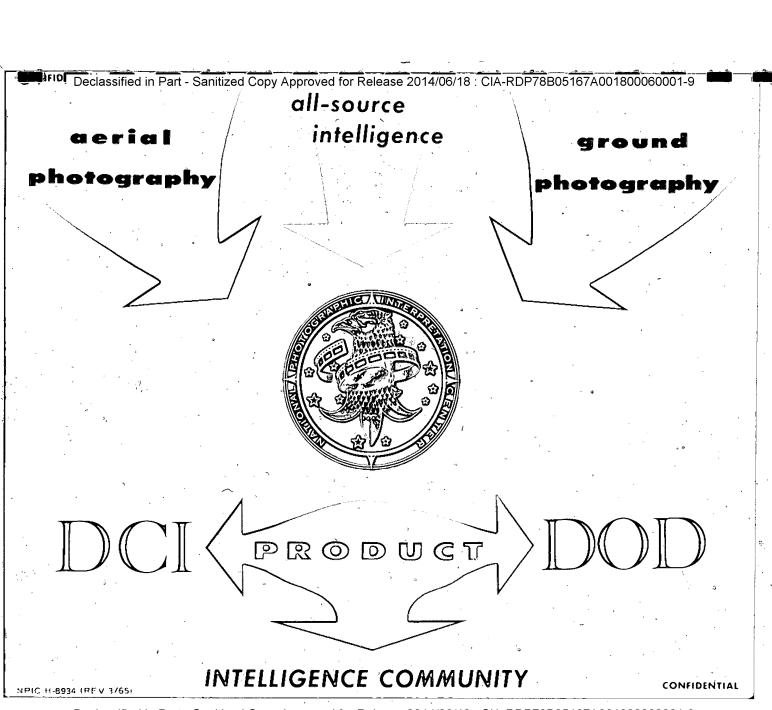
NATIONAL PHOTOGRAPHIC

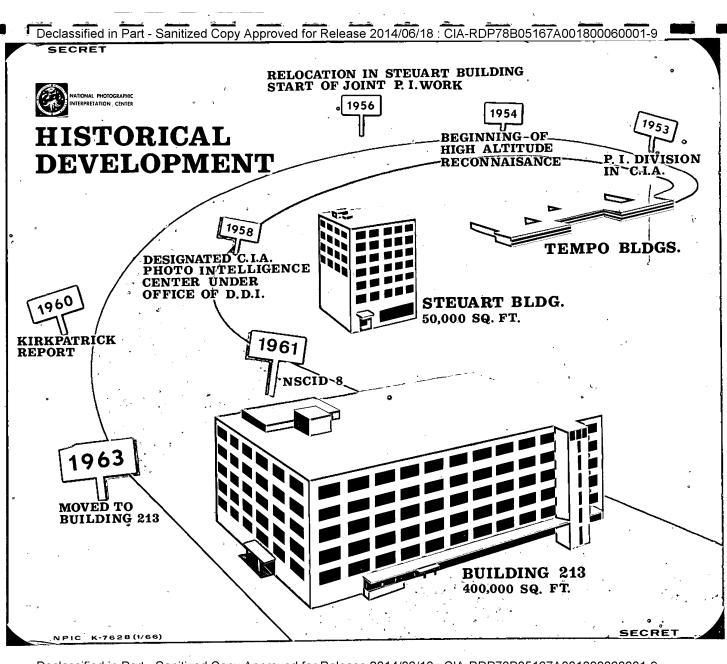


INTERPRETATION CENTER

NPIC K-2461 (10/65)

CONFIDENTIAL





TOP SECRET-CHESS - RUFF HIGHLIGHTS IN HISTORY OF NPIC PRE U-2 YEARS 1952-1956 DEVELOPMENT OF THE U-2 1955-1956 PROJECT HTAUTOMAT 1956-1958 O PHOTOGRAPHIC INTELLIGENCE CENTER ESTABLISHED OCT 1958 THE U-2 SHOOTDOWN MAY 1960 FIRST SUCCESSFUL KH MISSION AUG 1960 THE KIRKPATRICK REPORT DEC 1960 NPIC ESTABLISHED JAN 1961 CUBAN MISSILE CRISIS OCT 1962 MOVE TO BLDG 213 JAN 1963 FIRST SUCCESSFUL KH-7 MISSION JULY 1963 DOUBLE BUCKET PROGRAM STARTED AUG 1963 WORLD CRISIS SITUATIONS FORMOSA STRAITS (1958) SUEZ (1956), INDONESIA (1958), LEBANON (1958), CHINA/INDIA (1962-1963), LAOS/VIETNAM (1959-1965), TIBET (1959-1960), CONGO (1964) BRITISH GUIANA/VENEZUELA (1963), CYPRUS (1964), TOP SECRET-CHESS - RUFF

50X1

SECRET



NSCID 8 CREATED NPIC

PROVISIONS

- **DCI TO PROVIDE NATIONAL CENTER**
- **DIRECTOR DESIGNATED BY DCI, APPROVED BY SECRETARY OF DEFENSE**
- PERSONNEL AND OTHER SUPPORT JOINTLY PROVIDED
- PERSONNEL UNDER FUNCTIONAL CONTROL OF DIRECTOR, NPIC UNDER ADMINISTRATIVE CONTROL OF PARENT ORGANIZATION
- OEPARTMENTAL PI RESPONSIBILITIES TO CONTINUE
- ◆ ADMINISTRATION OF NPIC TO PASS TO SECRETARY OF DEFENSE IN TIME OF WAR

RESPONSIBILITIES

- PRODUCE AND DISSEMINATE IMMEDIATE AND DETAILED
 PHOTO INTERPRETATION REPORTS USING ALL COLLATERAL SOURCES
- SUPPORT DEPARTMENTAL NEEDS AS CAN BE PROVIDED WITHOUT DEGRADATION OF NATIONAL ACTIVITIES
- MAINTAIN A CENTRAL PHOTO FILE
- PROVIDE OTHER MATERIALS AND SERVICES IN SUPPORT OF
 THE NATIONAL INTELLIGENCE EFFORT
- DEVELOP SPECIALIZED EXPLOITATION EQUIPMENT
- CONSULT WITH USIB DEPARTMENTS, AGENCIES, AND COMMITTEES

NPIC K-0052/65 (REV 11/66)

SECRET



NSCID 8 CREATED NPIC

RDP76B0316/A001600000001F9

- O PROVIDED BY DCI
- © DIRECTOR DESIGNATED BY DCI, APPROVED BY SECRETARY OF DEFENSE
- PERSONNEL AND OTHER SUPPORT JOINTLY PROVIDED
- PERSONNEL UNDER FUNCTIONAL CONTROL OF DIRECTOR, NPIC UNDER ADMINISTRATIVE CONTROL OF PARENT ORGANIZATION
- . © DEPARTMENTAL PI RESPONSIBILITIES TO CONTINUE
 - O DEVELOP SPECIALIZED EXPLOITATION EQUIPMENT
 - O DEVELOP MECHANIZED SYSTEMS FOR RECOVERY, SELECTION, COLLATION OF DATA
 - O MAINTAIN A CENTRAL PHOTO FILE
 - O CONSULT WITH USIB DEPARTMENTS, AGENCIES, AND COMMITTEES
 - O DOES NOT PRODUCE FINISHED INTELLIGENCE
 - O PRODUCE AND DISSEMINATE IMMEDIATE AND DETAILED PHOTO INTERPRETATION REPORTS USING ALL COLLATERAL SOURCES

SECRET

SECRET

NPIC MISSION AND FUNCTIONS

MISSION

THE NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IS CHARGED WITH PRODUCING PHOTOGRAPHIC INTERPRETATION REPORTS,

PROVIDING PHOTOGRAPHIC INTELLIGENCE SERVICES IN SUPPORT OF THE

NATIONAL INTELLIGENCE EFFORT, FURNISHING SUCH ADDITIONAL

SUPPORT TO DEPARTMENTAL AND AGENCY INTERESTS AS CAN BE

PROVIDED WITHOUT DEGRADATION OF NATIONAL RESPONSIBILITIES, AND

PROMOTING AN INTEGRATED AND COORDINATED INTERDEPARTMENTAL

EFFORT IN THE EXPLOITATION OF PHOTOGRAPHY

FOR INTELLIGENCE PURPOSES.

FUNCTIONS

- 1 PRODUCE PHOTOGRAPHIC INTERPRETATION REPORTS.
- PROVIDE PHOTOGRAPHIC INTELLIGENCE SERVICES.
- MAINTAIN CENTRAL FILE OF PHOTOGRAPHIC DATA.
- ARRANGE FOR EXCHANGE OF PHOTOGRAPHS AND PHOTOGRAPHIC DATA.
- RECOMMEND CODES, INDEXES, AND MECHANIZED SYSTEMS FOR RECOVERY, SELECTION, AND COLLATION OF PHOTOGRAPHIC DATA.
- PREPARE PHOTOGRAPHIC AND PHOTOGRAMMETRIC INTELLIGENCE
 SUPPORT REQUIREMENTS.
- PROVIDE ANALYTIC AND TECHNICAL PHOTOGRAPHIC INTELLIGENCE
 SERVICES IN SUPPORT OF SPECIAL COLLECTION AND
 EXPLOITATION REQUIREMENTS.
- ENGAGE IN OR SPONSOR, THE DEVELOPMENT OF SPECIALIZED

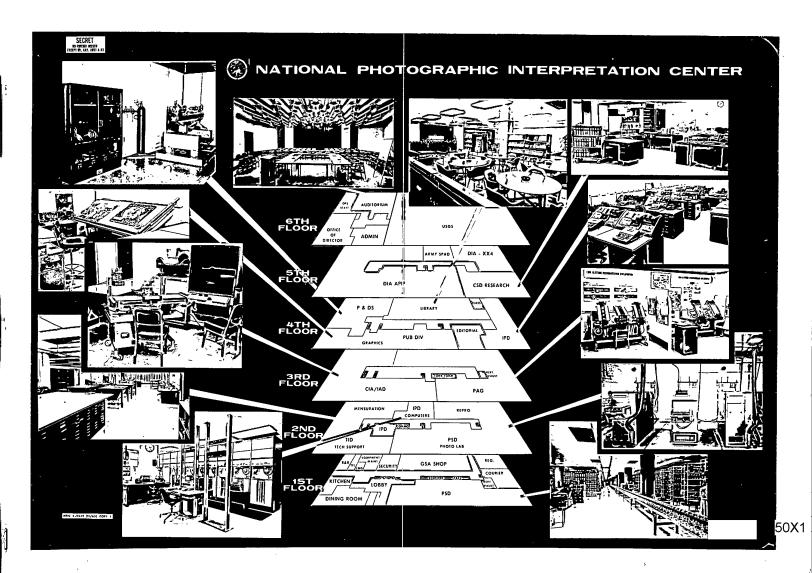
 EQUIPMENT AND PROVIDE INFORMATION TO INTERESTED ELEMENTS

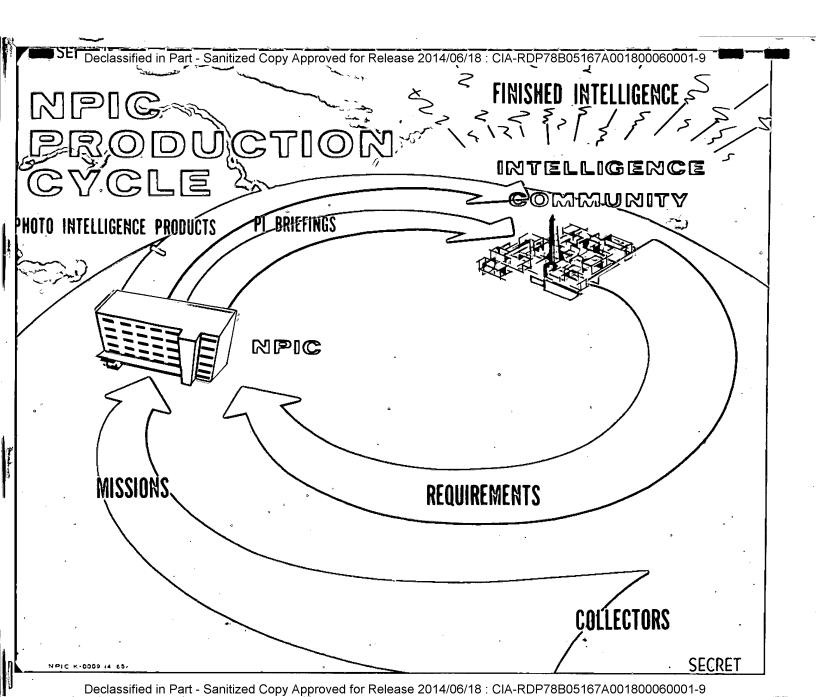
 OF THE INTELLIGENCE COMMUNITY.
- PROVIDE AND MAINTAIN ACCOMMODATIONS AND FACILITIES
 FOR NATIONAL AND DEPARTMENTAL ACTIVITIES.
- EXAMINE AND MAKE RECOMMENDATIONS AS TO ANY SPECIAL SECURITY CONTROLS.
 - 1 CONSULT WITH INDIVIDUAL DEPARTMENTS, AGENCIES, AND COMMITTEES ON PHOTOGRAPHIC INTELLIGENCE EXPLOITATION ACTIVITIES.

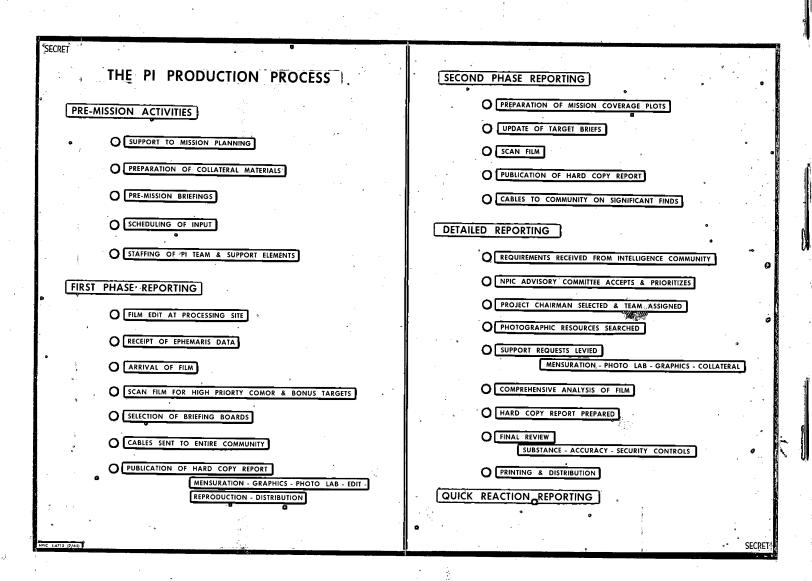
NPIC J-6706 (2/65)

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Declassified in Part - Sanitized Copy Approved for Release 2014/06/18 : CIA-RDP78B05167A001800060001-9 SECRET NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER -CIA/NPIC DIRECTOR TECH ADVISOR DET DEPUTY DIRECTOR SPECIAL ASSISTANT DIA / NPIC DET SUPPORT STAFF ASST FOR ASST FOR TECHNICAL ASST FOR PLANNING ASST FOR OPS PHOTO ANALYSIS AND MANAGEMENT DEVELOPMENT TECHNICAL DEVELOPMENT MGT SERVICES STAFF PHOTO ANALYSIS GROUP OPERATIONS STAFF PLAN'G PROGRAM'G & SYST ST STAFF **TECHNICAL** COLLATERAL **PRODUCTION INFORMATION PUBLICATIONS** INTELLIGENCE SUPPORT DIVISION **SERVICES** PROCESSING DIVISION DIVISION DIVISION DIVISION NPIC K-9433 (7/66) COPY

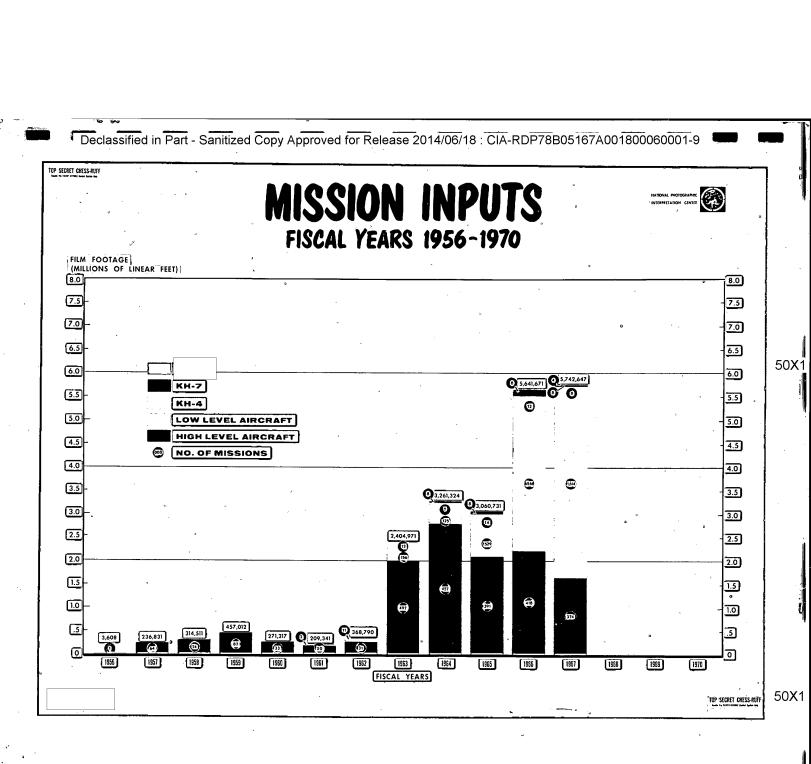




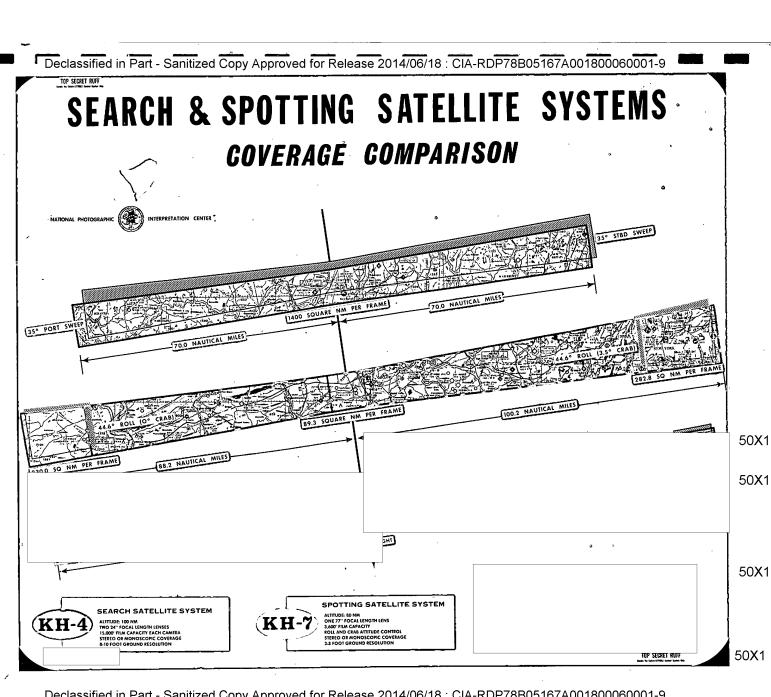


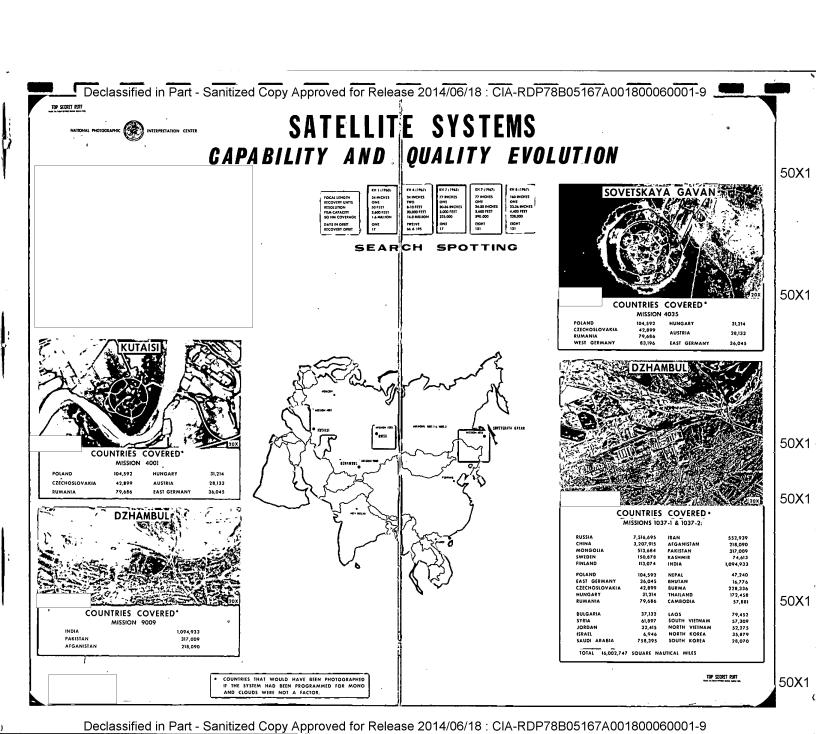


Declassified in Part - Sanitized Copy Approved for Release 2014/06/18 : CIA-RDP78B05167A001800060001-9 SECRET **EXPLOITATION** PROGRAM 1-CABLE REPORT first phase_ 2-HARD COPY REPORT (IPIR) 3-BRIEFING BOARDS, reporting EXPLOITATION ACCURATE 1-MISSION INDEX (MI)
2-SUMMARY REPORT - NEW & SIGNIFICANT CHANGE TARGETS (MS) second phase 3-SUMMARY REPORT-ORDER OF BATTLE INFORMATION (MS) 4-PHOTOGRAPHIC INTERPRETATION BRIEFS (PIB) reporting 1-STANDING REQUIREMENTS! 2-SPECIFIC REQUIREMENTS third phase 3-US INTELLIGENCE BOARD (USIB) & SUB-COMMITTEE REQUIREMENTS reporting NPIC K-4239 (10/65)



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TOP SECRET RUFF Red: to Tarent Strate System Bry	KH-4	KH-7	KH-8
FOCAL LENGTH	24"	77"	50X1
RESOLUTION ((STATIC TESTING))	140-160 L MM	[100-150L MM]	
GROUND RESOLUTION	8'	[2']	
GROUND RESOLUTION (ESTIMATED OPERATIONAL)	10'	2'-3'	
FILM WIDTH)	[70 <u>MM</u>]	9.46"	
FILM CAPACITY	7,800' EACH CAMERA) 15,600, PER SRV *	3000'	
SCALE AT 90NM ALTITUDE	[1:270,000]	[1.90,000]	
SWATH WIDTH AT	[120NM]	10.6NM	
(ORBITAL_LIFE)	[14 DAYS]	5-8 DAYS	
NUMBER OF PHOTOGRAPHIC ACQUISITION DAYS PRESENT	6-7 PER SRV*	<u>[7-8,</u>	
NUMBER OF POTENTIAL	3600 PER SRV *	(800 (APPROX))	
	*SATELLITE RE-	ENTRY_VEHICLE	1UP SELIKE I NUFF S "- Facili To Liberal Hiller Central System by 50X





TOP SECRET HANDLE VIA TALENT/KEYHOLE CHANNELS ONLY

REPORT OF THE JOINT IMAGERY INTERPRETATION REVIEW GROUP

I THE TASK (APPENDIX A)

- A. BACKGROUND
- B. THE TASK
- C. SURVEY PARAMETERS
- D. ASSUMPTIONS

II SUMMARY OF FINDINGS AND CONCLUSIONS

- III RECOMMENDATIONS
- IV CURRENT SITUATION

CURRENT U.S. RECONNAISSANCE PROGRAMS (APPENDIX B)
EXPLOITATION REQUIREMENTS MANAGEMENT (APPENDIX C)
RESOURCES INVENTORY (APPENDIX D)
RESOURCES APPLICATION (APPENDIX E)
EXPLOITATION PRODUCTS (APPENDIX F)
OVERLAP AND DUPLICATION (APPENDIX G)
WORKLOADS, BACKLOGS, AND DEPTH OF EXPLOITATION (APPENDIX H)

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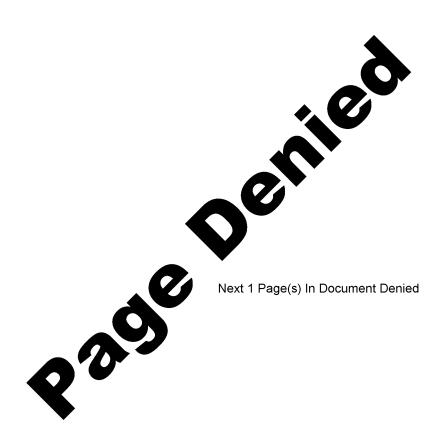
V THE FUTURE TASK

- ESSENTIAL IMAGERY INTERPRETATION PRODUCTS (APPENDIX I)
- THE NATIONAL RECONNAISSANCE PROGRAM 1966-1971 (APPENDIX J)
- THE PROPOSED NATIONAL IMAGERY EXPLOITATION TARGET BASE [APPENDIX K]

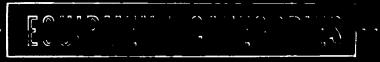
VI ACCOMPLISHING THE TASK

- TASKING OPTIONS (APPENDIX L)
- THE NATIONAL TASKING PLAN (APPENDIX M)
- A CONCEPT FOR IMAGERY INTERPRETER RESOURCE ALLOCATION (APPENDIX N)

VII MAJOR SUPPORT ACTION REQUIRED COORDINATION OF R&D ACTIVITIES (APPENDIX O) ADP AND AUTOMATION (APPENDIX P) IMPROVING IMAGERY INTERPRETER PROFICIENCY THE REQUIRED INSTRUMENTALITY



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☆ IMAGERY INTERPRETATION EQUIPMENT....

- . MAGNIFIERS
- SIMPLE STEREOSCOPES
- MICROSCOPES (MONOSCOPIC)
- MICROSCOPES (STEREOSCOPIC)

- STEREOSCOPIC VIEWERS
- REAR PROJECTION VIEWERS
- · LIGHT TABLES

☆ MENSURATION EQUIPMENT....

- PHOTO INTERPRETATION MEASUREMENT TOOLS
- PHOTO INTERPRETATION MEASUREMENT AIDS
- COMPARATORS [DIRECT VIEWING]
- COMPARATORS (REAR PROJECTION)

- · COORDINATE READERS
- COORDINATE PLOTTERS
- STEREO PLOTTERS

☆ PHOTOGRAPHIC LABORATORY EQUIPMENT....

- PRINTERS (PROJECTION OR ENLARGERS)
- PRINTERS (CONTACT & CONTACT CONTINUOUS)
- · FILM PROCESSORS

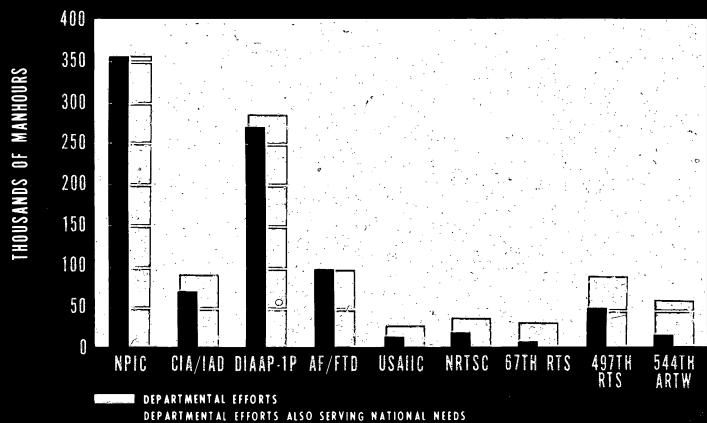
- DRYERS
- · COPY CAMERAS
- MISCELLANEOUS LAB SUPPORT EQUIP

☆ INFORMATION DATA HANDLING SYSTEMS EQUIPMENT....

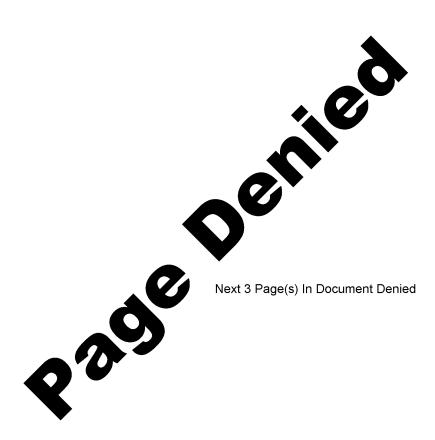
- · CENTRAL PROCESSING UNITS
- · PERIPHERAL DEVICES

- · OFF LINE EQUIPMENT
- · EAM





SEVANOMENTAL LITORYS ALSO SERVING NATIONAL NELSS



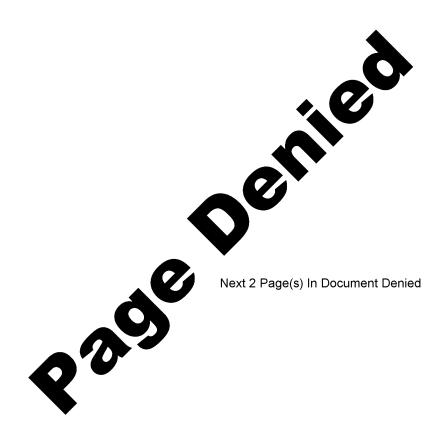


DEFINITION -

DUPLICATION AMONG TWO OR MORE IMAGERY INTERPRETATION ORGANIZATIONS, IS DEFINED AS THOSE IMAGERY INTERPRETATION EFFORTS WHICH ARE SIMILAR OR ESSENTIALLY THE SAME AND WHICH RESULT IN SIMILAR OR COROLLARY INFORMATION, PRODUCTS, AND SERVICES.

FACTORS FOSTERING DUPLICATION

- O OVERLAPPING PRIMARY INTELLIGENCE PRODUCTION RESPONSIBILITIES
- INTERPRETATION OF ASSIGNED PRIMARY INTELLIGENCE PRODUCTION RESPONSIBILITIES
- © REQUIREMENT FOR A SUPPLEMENTAL VIEW
- O REQUIREMENT FOR MORE TIMELY OR DIFFERENTLY ORGANIZED INTERPRETATION INFORMATION
- O NON-AVAILABILITY OF IMAGERY INTERPRETATION INFORMATION
- O VARYING CONFIDENCE LEVEL



TASK ASSIGNMENTS UNDER THE NATIONAL TASKING PLAN

THIRD PHASE BASIC SUPPORT EXPLOITATION
THIRD PHASE DIRECT SUPPORT EXPLOITATION
DEVELOPMENT AND MAINTENANCE OF THE NATIONAL DATA BASE
IMAGERY INTERPRETATION EQUIPMENT R&D SUPPORT
ADP AND AUTOMATION SUPPORT
MONITORING IMAGERY INTERPRETATION CONTRACTUAL SUPPORT
SUPPORT TO ORGANIZATIONS ENGAGED IN BASIC SUPPORT
EXPLOITATION
IMAGERY INTERPRETATION KEYS

BASIC INTELLIGENCE SUPPORT EXPLOITATION

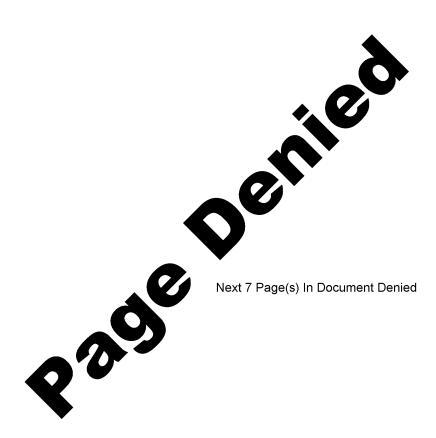
Basic Intelligence Support Exploitation is that imagery interpretation effort which is undertaken to provide a flow of basic image-derived information required by more than one agency, department, or command. It is a step-by-step process of extracting and accumulating information from reconnaissance imagery. Basic Intelligence Support Exploitation involves and is limited to the derivation of information on each specific installation, object, activity, or search area examined. It requires the preparation of an authoritative base report which is augmented by information derived from subsequent Firstand Second-phase reporting and is updated periodically, or as required by appropriate authority, during Third-Phase Exploitation. Basic Intelligence Support Exploitation can provided as a service of common concern and effectively programmed against the acquisition of all modes of reconnaissance imagery.

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DIRECT INTELLIGENCE SUPPORT EXPLOITATION

Direct Support Exploitation is that imagery interpretation effort which is undertaken in direct and timely support of the assigned mission of an agency, department, or command. It is a dynamic "on demand" process in which directly subordinate imagery interpretation resources must be applied to meet the spectrum of intelligence needs of a higher authority which cannot be satisfied by Basic Support Exploitation. Direct Intelligence Support Exploitation thus is continuously oriented in support of the mission of an organization, rather than toward providing a flow of basic image-derived information from the imagery acquired by each successive reconnaissance mission. It is responsive to the changing needs of the higher authority being supported and can be effectively programmed only by that authority.

CONFIDENTIAL



ALTERNATIVES FOR A RECORNAISSANCE EXPLOITATION AUTHORITY AT THE NATIONAL LEVEL

© EXECUTIVE LEVEL AUTHORITY

© EXPANDED ADCOM

EXPANDED COMOR

NEW USIB IMAGERY RECONNAISSANCE COMMITTEE

NEW USIB IMAGERY EXPLOITATION COMMITTEE

THE COMMITTEE ON IMAGERY EXPLOITATION

Mission

- a) To foster, develop, and maintain a systematic coordinated interdepartmental approach to the exploitation of imagery at the national level.
- b) To monitor and coordinate all matters relating to implementation and execution of the National Tasking Plan.

Membership

USIB member departments and agencies, including representatives of the Army, Navy, and Air Force.

Subcommittees

- a) Exploitation Requirements
- b) Equipment R&D
- c) ADP and Automation



MISSION OF THE COMIREX Authority: DCID NO 1/13, effective 1 July 1967

In accordance with policies approved by the USIB, the Committee shall advise, assist, and generally act for the USIB on matters involving the coordinated development of intelligence guidance for imagery collection by overhead reconnaissance of denied areas and, as set forth in the "National Tasking Plan for the Exploitation of Multi-Sensor Imagery," on matters involving the exploitation of imagery. Any action or recommendation involving the establishment of policy shall be referred by COMIREX to the USIB. The responsibilities of COMIREX do not include intelligence guidance for the collection of imagery required in direct support of actively combatant forces.

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Foreign Sociological
English S&T
English Sociological
Collateral Intelligence Documents 500 50X1 Recce 400 300 200 100 1960 1966 1950 1970 EST. NPIC L-0444 (1 67) **SECRET**