DIRECTOR OF CENTRAL INTELLIGENCE Economic Intelligence Committee

EIC 85-05041 8 April 1985

MEMORANDUM FOR: Deputy Director of Central Intelligence

VIA:

Executive Secretary

National Foreign Intelligence Board

25X1

FROM:

Chairman

SUBJECT:

EIC Monthly Activities Report for

March 1985 (U)

The full Committee did not meet in March. At the request of the DCID 1/2 Committee, the EIC has begun to review a new DCID 1/2 topic on the economic policy process. The Committee will examine this proposal at its April meeting. Proposed country priorities for the new topic subsequently will be determined using DCID 1/2 priorities on other economic issues to ensure that the new priorities are consistent. I will be asking analysts at CIA to make the initial determination of priorities on the economic policy topic for subsequent review in May by EIC departments and agencies.

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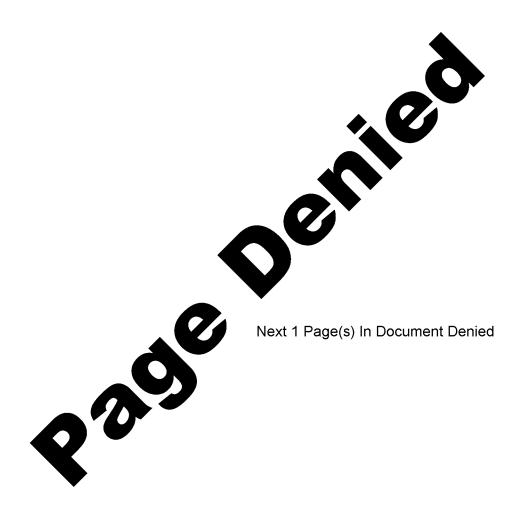
The Director of Central Intelligence Washington, D.C. 20505

Foreign Language Committee

17 April 1985

	MEMORANDUM FOR:	Deputy Director of Central Intelligence
	VIA:	Deputy Director, Intelligence Community Staff 18 Apr. 1005
25 X 1	FROM:	Chairman
	SUBJECT:	Foreign Language Committee Monthly Report - March 1985
25 X 1	l. proficiency guid	of the FLC staff assisted the FBI in designing delines for assessing translation skills of FBI personnel.
25 X 1	assessing forei	ing project which addresses a hitherto neglected aspect of gn language skillsis also working with the CIA in revising its Swedish and Danish Reading Proficiency Tests.
25 X 1		
	(Army, Navy, Ai their retirees Middle East wit may require add intervention. cooperation we data bases and	continued discussions with CIA and the four uniformed services r Force and Marine Corps) to ascertain the capabilities of and reservists in the native languages of Africa, Asia, and the h specific references to those countries in which instability itional US intelligence collection and/or military Although this is a slow process, we are encouraged by the are receiving and the efforts of the military to refine their provide us with timely information on cleared and tested
25X1 25X1	personnel.	

CONFIDENTIAL



DIRECTOR OF CENTRAL INTELLIGENCE **Economic Intelligence Committee**

> EIC 85-05041 8 April 1985

MEMORANDUM FOR: Deputy Director of Central Intelligence

VIA:

Executive Secretary

National Foreign Intelligence Board

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FROM:

Chairman

SUBJECT:

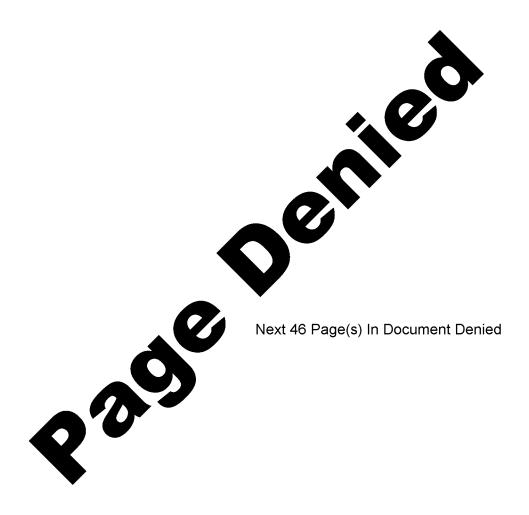
EIC Monthly Activities Report for

March 1985 (U)

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DIRECTOR OF CENTRAL INTELLIGENCE Intelligence Information Handling Committee WASHINGTON, DC 20505

15 April 1985

MEMORANDUM FOR: Deputy Director of Central Intelligence

VIA:

Deputy Director, Intelligence Community Staff

STAT FROM:

Chairman, Intelligence Information

Handling Committee

SUBJECT:

IHC Monthly Activities Report for March 1985

NSDD/145

The National Telecommunications and Information Systems Security Committee's (NTISSC) Subcommittee on Automated Information Systems Security (SAISS) has developed the first annual report on the security status of automated systems in the Federal Government. The SAISS report contains several recommendations for government-wide action. One of the first recommendations is to: (a) identify "critical systems" within the Federal Government and (b) establish these as a priority to assess the security risks under which they may be operating and correct any security shortfalls which may exist. The report, originally produced at the TS/SI/TK level, has been sanitized to the Top Secret collateral level and now, per direction of Mr. Don Latham, to the Secret level. All TS/SI/TK information has been removed from the Secret version. In addition, an annual assessment of the status of security of telecommunications systems has been produced at the Secret level by the Subcommittee on Telecommunications Security (STS). The SAISS and STS reports have been combined by the NTISSC Secretariat and will be published as a single report. According to NTISSC Secretariat Staff members, Don Latham intends to forward this combined report to the NSDD-145 cabinet level steering group during the middle of May 1985. (The NSDD-145 Systems Steering Group is chaired by the Assistant to the President for National Security Affairs and consists of the DCI, the SECDEF, the Attorney General, the Secretary of State, the Director of the Office of Management and Budget, and the Secretary of the Treasury.) The combined report has not yet been released for review and comment.

The SAISS has also created four working groups: (1) an NSA-chaired group, which is planning and gathering data to develop a second annual report on the status of the security of automated information systems in the Federal Government, which is due in the fall of 1985; (2) an OMB-chaired group, which is identifying budgetary data that OMB indicates it will collect, based upon the direction which NSDD-145 gives OMB; (3) a National Bureau of Standards chaired group, which is reviewing the Federal Government's automated

information system security criteria, guidelines, and standards and which is tasked with recommending to the NSDD-145 organizations that new criteria, guidelines, or standards be promulgated via NTISS issuances; and (4) a policy working group which has been given a general charter and is reviewing proposed policies on automated information systems security and which is tasked to recommend to the SAISS appropriate policies that NTISS issuances should promulgate. IC Staff, CIA, and DIA SAISS representatives sit on working groups 1 and 3.

IC Staff, coordinates with OMB on working group 2 activities. Membership for working group 4 has not been announced since it has just recently been formed.

NATO Formats

The NATO Allied Data Services Interoperability Agency (ADSIA) Working Group No. 7 held a meeting in Brussels on 25-28 March. The purpose of the meeting was to discuss the possibilities for harmonizing information formats (IHC Executive Secretary) within the NATO environment. attended the meeting as a supporting delegate to the US delegation at the invitation of DIA. of DIA is Chairman of the ADSIA Working also of DIA, is the official US delegate, Group No. 7; whose goal is to try to ensure that, if any NATO formats are developed, they are compatible with existing US DOD formats.) who coordinates the work of the IHC Subcommittee on Formats Standards, attended in order to ensure that the US position would also be in conformity to the DCI promulgated Intelligence Community format standards.

Video Disc-Based Maps

The Geographic Information Systems Subcommittee (GISS) met to consider progress on the development of Intelligence Community standards for video disc based geographic information systems. It was reported that the Defense Mapping Agency (DMA) signed a contract with Perceptronics Inc. to produce a new DMA product line of video disc based maps. Over the next two and one half years, DMA will produce approximately 50 discs to cover most of the world for which maps exist. (IHC) coordinated the Intelligence Community's requirements for video disc based maps and supported DMA by assisting in the writing of the SOW and the technical evaluation of the contractor proposals. Based upon the DMA statement of work as coordinated with the GISS, proposed Intelligence Community standards and guidelines for video disc production have been drafted and circulated for comments. The draft has now been rewritten based upon comments received and will again be circulated for review and comments.

A final version of video disc standards will then be proposed incorporating the data base definition which is the first contractor deliverable under the DMA contract. At this point, it will be referred to the IHC for review and adoption as an Intelligence Community standard. DMA reported that action was underway to designate DMA as the responsible agency for promulgation of DOD video disc standards. It is anticipated that the IHC developed standards will be utilized as the basis for the proposed DOD

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standards, and that these will be then submitted to the National Bureau of Standards as proposed national standards. It was also reported that NSA had let a contract for the production of a set of video discs covering the principal areas of interest of the Soviet Union not contained in the DMA production contract. Production standards under this contract will follow the Intelligence Community draft standards and the DMA contract specifications in order that there will be compatibility between the two sets of discs being produced. The IHC staff will monitor the execution of these two contracts to ensure compatibility.

Japanese Machine-Assisted Translations

It has been previously decided to proceed with a Japanese MAT project based upon the Systran system if possible. To continue this approach requires the consent of IONA, a Japanese corporation which has been granted certain rights by its developer, Dr. Toma, to a Japanese version of the Systran System.

Vice Chairman/IHC, has scheduled a meeting in Tokyo with appropriate IONA officials and Dr. Toma in April to negotiate and secure the required consent. Preparations for these negotiations are being coordinated with the Ad Hoc Steering Group on Japanese MAT with representatives of the HUMINT Committee, the FLC Committee and FBIS.

Should it prove impossible to secure the consent of IONA on terms satisfactory to the government, alternative plans will be developed.

In connection with this project, visited Eastern Computers, Inc., a Virginia Beach-based company which has developed Japanese/Chinese word processor and data entry terminal capabilities for the purpose of evaluating this company's product as a possible data entry device for a Japanese MAT system. was accompanied by a representative of FBIS. Based on this evaluation, acquisition of a demonstration model for in-depth evaluation by FBIS is being proposed.

Community Information Retrieval System (CIRS)

Common User Interface:

Staff, completed the "user" specifications for the Common User Interface (CUI) that will be developed on the FTD computer under the CIRS plan. NSA will provide the initial processing capabilities under Phase I of the CIRS plan and FTD will provide the second phase of the effort starting in mid-1986. The "user" interface specifications that the MITRE report developed were the result of several months review of automated systems used in private industry, the COINS network common user interface, the DODIIS network common user interface, the SAFE user language), and the user interfaces currently used or proposed for the systems in the Community which the CIRS plan includes. The results of this effort were that none of the "common user interface" developments are in fact common.

Intelligence analysts in many segments of the Community will have access to many of the same automated systems and will continue to have to learn multiple

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computer languages to get access to intelligence data bases. In those cases where progress is being made to provide the user with a common user interface (i.e., COINS ADAPT and DIA DODIIS NQL) the user interfaces for each network as now specified will be different and these different user interfaces will be developed for computers that both networks will access (e.g., the NSA SOLIS system). These developments are still in their formative stages. If feasible, joint use of the SAFE user interface language would be an ideal solution to the multiple language problem. However, evaluation of this potential solution has necessarily had to be postponed until the SAFE user language structure has been defined. When this has been accomplished, the IHC will be asked to review these parallel development projects and evaluate the feasibility of adopting the SAFE user language as a common user interface standard.

In an effort to provide an interim solution to this long evident problem, the IHC has agreed to proceed with the development of a SOLIS-like user interface on the FTD system. Since NSA now provides SIGINT and STATE cables on its computer with a common SOLIS-like user interface, the SOLIS-like user interface at FTD will provide the intelligence analysts that access the data bases identified under the CIRS plan with a common capability that can be used whether he is accessing the SIGINT or STATE data on the NSA system or the open source S&T material on the FTD system. The IHC will have to deal with the common user interface problem for the DIA SAFE, the NPIC system, and the CIA SAFE system if the CIRS plan is fully implemented.

Joint Maritime Information Element (JMIE)

A meeting of the JMIE System Design Working Group was held on 26 March for the purpose of reviewing a draft statement of work preparatory to contracting for development of a system design and cost estimate. Funding for the contract is being provided by participating agency subscription (\$25K apiece). The system design and cost estimate will provide the basis for a determination by participating agency principals as to whether or not to proceed with full implementation beginning in FY87.

JMIE is a consortium of government agencies whose missions require the acquisition and use of information (both intelligence and open source) pertaining to activities in the maritime regions of the world. Because there is a substantial overlap of requirements, the agencies have come together under the sponsorship of the Director of Naval Intelligence (DNI) to seek an effective joint approach to meeting their needs. At the DNI's request, the DCI authorized ICS to serve as coordinator for the development effort. Consortium members, in addition to the Navy (NAVINTCOM), are DEA, DOE, USCG, Customs, CIA, MARAD, and the Military Sealift Command.

The design to be contracted is for a data handling system to interconnect consortium member facilities and provide an interchange with the Navy's Ocean Surveillance Information System.

COINS/DODIIS

Representatives of COINS, DODIIS and the IHC staff met in March, together with technical consultants for all parties, to further define the architecture of the programmed gateways between the two networks and the security requirements for interoperability of the networks. MITRE presented an architectural concept for interactive gateways between compartmented networks. Representatives of all parties agreed that this concept could provide the basis for the COINS/DODIIS gateway design. Technical consultants for the parties were instructed to prepare a paper describing the application of the MITRE concept to COINS and DODIIS and proposing a gateway architecture and protocol implementation plan. It was agreed that an acceptable implementation plan would provide the basis for a revised COINS/DODIIS MOU, whereupon contractors for both networks will be instructed to implement the plan.

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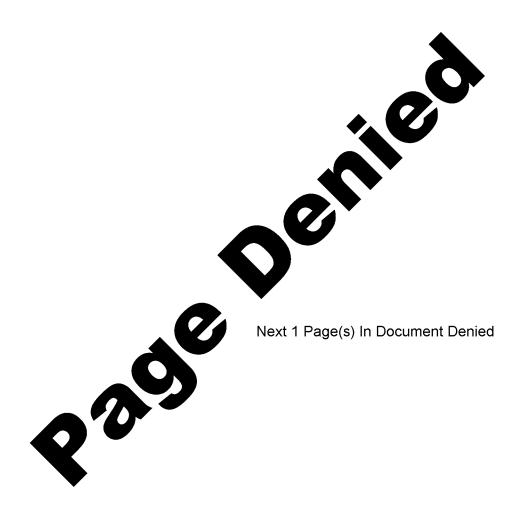
Approved For Release 2009/08/11 : CIA-RDP87M00539R000300340007-2 SECRET

DIRECTOR OF CENTRAL INTELLIGENCE Joint Atomic Energy Intelligence Committee

29 March 1985

	MEMORANDUM FOR:	Deputy Director of Central Intelligence
	THROUGH:	Executive Secretary, NFIB
	SUBJECT:	JAEIC Monthly Report on Projects and Activities
	Attached fo	or your information is our report for March 1985 on the
	status of JAEIC	activities. (U)
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	Attachment: As stated	

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DIRECTOR OF CEN	ITRAL INTELLIGENCE
Security	Committee

SECOM-D-088

4 April 1985

MEMORANDUM	FOR:	Deputy	Director	of	Central	Intelligen	ice
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VIA:

Deputy Director, Intelligence Community Staff | APR 1985

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FROM:

Chairman

SUBJECT:

Activity Report for March 1985 (U)

Highlights Ι.

a. The Chairman assisted the DCI at a meeting with Attorney General Meese, PFIAB Chairman Leo Cherne and PFIAB member Edward Williams to discuss the leak problem and explore means to curb leaks. The Chairman briefed attendees on several leak cases which resulted in damage to intelligence sources and methods. As a follow-up, he provided the DDCI draft correspondence for the DCI to send the Attorney General, PFIAB Chairman, Director, Information Security Oversight Office, and the NFIC to implement actions to combat leaks which were requested by the DCI after the meeting.

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The third SECOM behavioral sciences symposium was held at CIA Headquarters in late March for 48 participants, 18 of whom were behavioral scientists. Three research/study proposals were briefed to attendees; who then met in small groups to discuss the presentations and explore refinements. Small group leaders briefed the whole group on their findings and prepared reports for further review by the Security Committee. The three proposals presented and evaluated are designed to enhance the Community's personnel security screening and selection processes.

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c. SECOM members unanimously approved a draft DCID to codify policy on technical surveillance countermeasures to provide an appropriate policy vehicle in support of established Community practices and responsibilities regarding TSCM. The draft was sent forward for DCI approval.

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Work Completed or in Progress

General

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25 X 1	- The staff prepared responses to SSCI questions on the FY-86 budget concerning the proper program to contain resources for SECOM; the content and use of SECOM's data base on leaks; and the actual and planned use of SECOM funds for external research.
25 X 1	- The staff prepared descriptions of the duties involved in new positions requested for SECOM in the FY-86 budget, in response to a House Appropriations Committee request.
25X1	- The Chairman tasked the chairmen of the SECOM subcommittees to review and update visual aids on their organizations' missions, functions and accomplishments. These aids are used in briefing new SECOM members and officers of Community organizations on SECOM responsibilities, functions and accomplishments.
25 X 1	- The Chairman appointed an NSA officer with broad experience to chair a new SECOM subcommittee on the future, tasked to anticipate the security environment five to ten years hence and to recommend areas in which study and research are needed to adapt to expected changes and new developments. The new entity was requested by SECOM members to provide a Community capability to assess future security needs.
	b. <u>Information Security</u>
25 X 1	- The staff drafted answers to SSCI questions on the need for and understanding of SCI markings applied to intelligence reports disseminated outside the Community.
25 X 1	- A staff member met with representatives of NSA and the National Bureau of Standards on a proposed contract to compile data for Community, security guidelines on protection of intelligence information in so-called personal computers.
25 X 1	c. <u>Personnel Security</u> . The Chairman provided the CIA Office of Legislative Liaison comments on draft position papers on a bill introduced in Congress which would severely limit use of the polygraph and prepublication review requirements.
	d. <u>Physical Security</u>
25 X 1	- SECOM's Facility Protection Subcommittee conducted its sixth seminar for 25 Community physical security officers. Attendee critiques showed that the course continues to satisfy the objectives of better Community understanding and more uniform application of DCI physical security standards for intelligence facilities.

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25 X 1	- The Chairman requested the Department of State member of SECOM to open an investigation to determine the source of the unauthorized disclosure of classified intelligence on SIG-I deliberations and reports. The published leak was attributed

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DIRECTOR OF CENTRAL INTELLIGENCE Scientific and Technical Intelligence Committee

2 April 1985

MEMORANDUM FOR:	Deputy Director of Central Intelligence
FROM:	
	Chairman, Scientific and Technical

Intelligence Committee

SUBJECT: Monthly Report - March 1985

	1.	Support	for	the	Department	of	Enerau		

2. The Annual Meeting

The Committee held its annual meeting this month. 1984 was a very productive year for the Committee. We produced fifteen finished reports and we expect to produce at least as many reports in 1985. The Committee sponsored two symposia in 1984, one on foreign material exploitation and a bilateral with

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SUBJECT: Monthly Report - March 1985

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on computers and microelectronics. In 1985 we will sponsor symposia on electro-optics and radio frequency weapons technology. We have already held a symposium on millimeter wave technology. Perhaps our most important new initiative of 1984 was our FORMAT pilot program. This program gives us the opportunity to significantly improve the quality of technology analysis by including, as a normal part of the analysis process, technical information derived from foreign materiel exploitation. As part of the program, we have submitted to the IPC a FORMAT PEI for 1985 ad hoc funding.

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3. Publications Distributed

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4. Outside Briefings

The Committee was briefed by Dr. David Rogstad of the Jet Propulsion Laboratory on JPL's supercomputing program. This program, called Hypercube, investigates concurrent computing architecture and hardware to generate supercomputing capabilities at very low cost and power consumption. Hypercube uses microprocessors connected in a cubic pattern. JPL's prototype machine,

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SUBJECT: Monthly Report - March 1985

which has been running for three years, consists of six microprocessors and is equivalent to six VAX 11/780 computers. It operates at one tenth the cost of one VAX 11/780. JPL is currently building a hypercube type computer with a capacity of 32 megabytes of memory. This machine is equivalent to 24 VAX 11/780s or about 1/2 the capability of a Cray 1. They have also designed a machine using 32 bit microprocessors that is equivalent to 32 cray 1 computers.

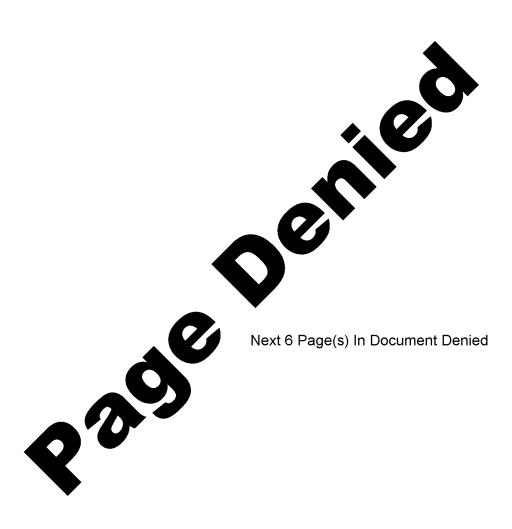
Dr. Gene Merchant, Director, Advanced Manufacturing Research at Metcut Research Associates Inc., briefed the Committee on flexible manufacturing techniques. A flexible manufacturing system consists of an integrated assembly of work stations, such as machine tools and other equipment, together with the means for transferring components, such as work pieces and tools, automatically through the system, all operating under full computer control for the purpose of carrying out manufacturing production of a mixture of parts or products with a minimum of manual attention. Flexible automation provides the capability to deal with small quantities of a large variety of parts with greatly reduced lead time, quick changeover, quick response to design change, and the changing demand for products.

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	Weapoi	DIRECTOR OF CENT and Space System		Committee	
			1 A	pril 1985	
MEMORANDUM	FOR:	Deputy Directo	or of Centra	1 Intelligence	
FROM	:	Chairman			
SUBJECT	•	Monthly Activ	ity Report f	or March 1985	(U)
		HIG	HLIGHTS		
briefing denology and the collect	ealt w the t tion o tative	ceived two bride ith the problem ransfer of tech SIGINT. The reorganization rces.	ms the growt hnology have second brie	h of Soviet te created in te fing dealt wit	ch-
March. Som process and Methods Gui actions and conference	me of d WSSI ideline d join was tl	ld their Annual the major topic C's support of es, and the nee t projects with he decision to groups to subco	cs of discus it, Protect ed for conti n STIC. One change the	sion were the ion of Sources nued close int outcome of th	NIE and er- e
		NEW A	CTIVITIES		
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Protection of FIS Data

The Committee has completed their work with the SIGINT Committee working group on SISR Vol IV. The SIGINT Committee has circulated a draft of this volume for the Intelligence Community's review and comments.

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25 X 1	5. Support to NIE 11-3/8-84
25 X 1	The WSSIC has completed all their assigned inputs to NIE 11-3/8-84.
	ONGOING ACTIVITIES
25 X 1	6. Soviet and PRC Satellite Names
25X1 25X1	
25X1	
25X1	7. Update of Critical Intelligence Deficiencies
25 X 1	The WSSIC is updating the Critical Intelligence Deficiencies report. This project is expected to be completed in the second quarter, CY 1985.
25 X 1	8. NIR Collection Support
25 X 1	The Committee is coordinating a Community assessment of the utility of NIR data. To date, only the Air Force is actively participating in the ad hoc WSSIC committee. Their representative is preparing a Statement of Work for contractor support. An effort is being made to stimulate additional interest in, and support of, this project.
25 X 1	9. Estimations of Key Uncertainties
25 X 1	A draft report concerning the basic assumptions and analytical methods used to estimate key ballistic missile uncertainties is being reviewed. The results of the study are expected to be briefed to the WSSIC in May.
25 X 1	10. Collection Support Briefs, Soviet Ground Weapons
25 X 1	The WSSIC is currently drafting two collection support briefs on Soviet ground weapons. The first will update PCP III on Soviet armor and armor penetrants. The second will be on Soviet artillery weapons. Due to other tasking, these drafts will not be finished until sometime during the second quarter, CY 1985.
25 X 1	11. Collection Support Brief, Soviet Space Systems
25 X 1	The Collection Support Brief on Soviet space systems is being redrafted at the Secret level to allow for a wider distribution to the collectors. This revision is expected to be completed by the end of April. A Secret Noforn version of the CSB has been completed and will be reviewed by the WSSIC in early April.
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5X1	12. Air Defense Netting Study
5X1	New analytical results are being incorporated into the final draft of the PVO defense netting study. Completion of this study has been delayed due to work on inputs for NIE 11-2/3.
5X1	13. Redbook Update
¥1 X1	The final drafts of portions of the Redbook update are being reviewed. Further work on the
X1	update have been suspended until the results of the inital review are known.

DIRECTOR OF CENTRAL INTELLIGENCE Technology Transfer Intelligence Committee

TTIC-C-023 26 March 1985

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	MEMORANDUM FOR:	Deputy Directo	or of Central	Intelli	gence	
	FROM:	Chairman, TTI(
	SUBJECT:	TTIC Monthly F				
	Attached for	your information	is a report	on the s	tatus of	TTIC actions
	for March 1985.		N.			
	Attachemnt: A/S					
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I.	Highligh	nts

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/ A	• •	Based on a review of community intelligence on illegal diversions, TTIC forwarded five reports to State for possible demarche
(1		action.
X 1	•	Members of the TTIC Secretariat participated in weekly meetings at State and Commerce where intelligence information was provided
(1	•	
< 1	o	The first phase of Project CASTAR a TTIC DCI Production Enhancement Initiative will identify from finished intelligence reports Western technologies and equipment the USSR probably will need for improved cruise missile development.
< 1	• o	A new schedule from State is available for the COCOM List Review. The schedule will allow TTIC member agencies and departments to prepare intelligence studies in advance as input to State-coordinated Technical Task Group deliberations on defining what technologies should be controlled.
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