

CMTF 10

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

16 MAY 1984

LOGGED

IHC-MM-84-44
14 May 1984

MEMORANDUM FOR: IHC Members

FROM:
Executive Secretary, IHC

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SUBJECT: Minutes of IHC Off-Site Meeting

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Attached are the minutes of the IHC meeting held on 5-7 March 1984. They have been abbreviated to report the essence of topics discussed. Only briefing charts on the history of the IHC are included.

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Attachment: As Stated

Minutes of IHC Meeting

5-7 March 1984

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The IHC held its annual off-site meeting [redacted] from 5-7 March 1984. The first order of business was the administrative briefing given by [redacted] on the various rules and regulations governing our visit. Next, [redacted] Chairman IHC, requested all members to "get involved" in the discussions which will take place because that is the only way to identify and resolve all issues of interest to the IHC as a whole. With that said, he had each member introduce themselves and identify the organization which they represented. He also advised that he is an ex officio member of the STIC and would endeavor to keep current with their activities.

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The vice chairman of the IHC, [redacted] next gave a brief history of the formation, accomplishments and direction of the IHC. The attachment Exhibit 1 viewgraphs depict the essence of the most recent IHC past and explains where, when, how and why the IHC is pursuing the subjects it is addressing; i.e., encouraging the development of the Community Information Retrieval System (CIRS). The CIRS plan is designed to eventually enable analysts to execute one query to access several discrete files of participating agencies to receive all-source information relevant to the query. The IHC is addressing the various areas where problems exist in order to resolve those problems and permit the development of CIRS.

Ambassador Heyward Isham, Chairman of the HUMINT Committee, presented an overview of the joint STIC/HUMINT report recently published. He advised that, in general, the use of open source material is the key to foreign service work. He identified the main problem as that of separating the useful from the nonuseful data. He highlighted the DCI recommendations of the report, copies of which had been sent to the NFIB principals.

Dr. Ruth Davis briefed on the need to upgrade security of existing operational IC systems. She focused on the prioritization of target systems, perceived threats, vulnerabilities, formal safeguards, and resources. She identified the three areas of greatest vulnerabilities:

- (1) access/authentication;
- (2) audit/accountability and;
- (3) labeling.

She also addressed what actions could be taken to reduce the security threats. She concluded that a need exists to establish standard IC security safeguards and to require the IC to adhere to the standards.

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[redacted] (DIA/SAFE) gave a briefing on the status and direction which the SAFE project is taking. He identified the capabilities being designed into the system and the timetable for their implementation.

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[redacted] (DIA) gave a report on the DODIIS networking plan. He addressed the current schedule, basic concept of operation and development, and specific advice on actions required by some IHC members to ensure their communications requirements are considered in the master plan.

STAT [redacted] (ICS/IHC) gave an update on the CIRS effort. He identified the progress made to date and the various issues which needed to be resolved to continue on with the plan. One of the most critical issues involved security. He also gave a progress report of the CIRS Security Group.

STAT [redacted] (NSA) briefed on NSA's WINDMILL/SOLIS efforts relative to CIRS. He also advised that NSA had a requirement to produce electrical precis or summaries for all NSA hardcopy SIGINT products. (This is consistent with a proposal currently being staffed within the IHC's Formats Standards Subcommittee).

STAT [redacted] (ICS/IHC) briefed on the FSS proposal to produce electrical precis of hardcopy documents across the intelligence community. Initial reaction by IHC appears to be positive, although concerns were expressed about classification of references and their dissemination.

STAT [redacted] (NSA), Chairman of the Data Standards Panel, gave a briefing on the need for stronger adherence to data standards within the IC to facilitate the timely exchange of intelligence among IC members. One of the main topics included standards for security classifications, to include special control and handling markings. The impact of the lack of such standards, especially in automated systems, was especially evident. The need for more resources to support DSP activities was amply demonstrated.

STAT [redacted] (VChm/IHC) reported on the just completed telecommunications study. He advised on the status of the effort, in view of personnel staff changes which had recently occurred. He indicated a need for follow-up action to expand the scope to include the Pacific theater, as resources become available.

The Chairman discussed several procedural and administrative matters on the operation of the IHC. He requested more input from members as to the course and speed with which the IHC conducts business. He proposed, also, the formation of two new subcommittees (see below) to foster better exchange of intelligence data and promote the use of technology in information handling activities.

The first subcommittee, the TECHSUB, would survey and determine the status of technologies which have application to all aspects of data processing and information handling. It would identify those which are mature enough for application and those which, if provided the proper catalyst, would offer the highest potential payoff of the Intelligence Community. Areas of interest would include technologies applicable to mass storage and retrieval, networks, telecommunications, computer security, processing, etc. The chairman advised that the concept of the formation of the TECHSUB has been discussed with the D/ICS and has been enthusiastically endorsed by him.

The second new committee, the TSD, would review plans for systems and projects which provide processed data from technical collectors to substantive analysts. The TDS would coordinate closely with SIGINT and COMIREX Committees to ensure no duplication of effort. It would advise on means for efficiently distributing processed data and review plans for formatting processed data to satisfy analysts' needs. It would keep the IHC abreast of planned changes to processing which would affect the entire information handling process. The charters for both subcommittees are being developed.

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I. IHC PRE-1978

A. PREDECESSOR CODIB

1. ISC DEVELOPED BY CIA 1984
2. 1955 HOOVER COMMISSION - "ALL DEPARMENTS WITHIN THE DEFENSE ESTABLISHMENT AND THE DEPARTMENT OF STATE ADOPT A SINGLE INDEXING SYSTEM BASED ON THE INTELLIGENCE SUBJECT CODE"
3. USIB ADOPTED ISC
4. ISC REVISED AND PUBLISHED BY CODIB - 1960

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I. IHC PRE-1978

B. 1967 - NSC, BASED ON PFIAB RECOMMENDATIONS, DIRECTED
CREATION OF A COMMUNITY INFORMATION HANDLING SYSTEM

C. IHC CHARTER, DCID 1/4 ISSUED 1968

D. PRINCIPAL ACCOMPLISHMENTS

1. COINS

2. INFORMATION SCIENCE CENTER

3. NOIWON AND ITS-W

4. MICROGRAPHICS STANDARDS

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II. IHC 1978-1982

A. LIBRARY SUBCOMMITTEE - BECKER REPORT

B. ANALYST SUPPORT STUDY

1. ORGANIZATION - FULL-TIME WORKING GROUP WITH CIA/NFAC
CIA/NFAC WITH CONTRACTOR AND STAFF SUPPORT
2. METHODOLOGY - STRUCTURED INTERVIEWS WITH REPRESENTATIVE
SAMPLE OF IC ANALYSTS - CIA, DIA, NSA, INR, NISC

PRINCIPAL RECOMMENDATION OF THE IHC ANALYST SUPPORT STUDY

- **Any Intelligence Community analyst, wherever located,**
 - **With a need-to-know; and**
 - **Within reasonable security constraints**

- **Should be able, from a single terminal, to:**
 - **Access both his information system, and**
 - **Access a comprehensive data base containing
all intelligence products distributed outside the
originating agency**

II. IHC 1978-1982

C. BIBLIOGRAPHIC SYSTEMS STUDY

1. CIA OFFERS RECON AND ADSTAR AS BASIS FOR CENTRAL
COMMUNITY BIBLIOGRAPHIC SYSTEM
2. IHC DIRECTS STUDY OF CIA'S PROPOSAL IN THE CONTEXT
OF OTHER MAJOR COMMUNITY BIBLIOGRAPHIC SYSTEMS
 - (a) DIA/ASDIA + IRISA
 - (b) FTD/CIRC II
 - (c) NPIC/EPF
 - (d) NSA/SOLIS
 - (e) STATE/ADS

II. IHC 1978-1982

C. BIBLIOGRAPHIC SYSTEMS STUDY (CONTINUED)

3. WORKING GROUP RECOMMENDATIONS

- (a) RECON BE MADE AVAILABLE THROUGH DEDICATED SYSTEMS AT CIA.
- (b) DEFER ACTION ON ADSTAR.
- (c) IHC DEVELOP PLAN FOR CONSTRUCTING DISTRIBUTED IC
BIBLIOGRAPHIC AND DOCUMENT RETRIEVAL SYSTEM IN ACCORDANCE
WITH USER REQUIREMENTS RECOMMENDED BY ANALYST SUPPORT TASK
GROUP.

4. IHC REPORT - JUNE 1980

- (a) AN EXPERIMENTAL SYSTEM ACCESSING RECON THROUGH AN APPROPRIATE
SECURITY SCREENING DEVICE SHOULD BE DEVELOPED AND TESTED.
- (b) OTHER WORKING GROUP RECOMMENDATIONS APPROVED WITH MODIFICATIONS.

II. IHC 1978-1982

D. COMMUNITY INFORMATION RETRIEVAL SYSTEMS (CIRS) PLAN - SEPTEMBER 1982

1. SPECIFIED REQUIREMENTS AND ADOPTED GOAL ARCHITECTURE FOR CIRS (1990)
2. OUTLINED PHASED IMPLEMENTATION PLAN
3. RECOMMENDED:
 - DCI APPROVAL
 - ESTABLISHMENT OF IHC CIRS MANAGEMENT AND PLANNING GROUP
 - ESTABLISHMENT OF CENTRAL FUNDING MECHANISM
 - IMMEDIATE IMPLEMENTATION OF PHASES I & II
 - FURTHER REFINEMENT AND DEVELOPMENT OF THE PLAN

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II. IHC - 1983

A. CIRS PLAN BRIEFED TO:

- D/ICS & DDCI

B. APPROVED BY DDCI SUBJECT TO:

- BRIEFING TO AND COMMENTS BY EXDIR/CIA, DIRNSA,
D/DIA, D/INR, D/NPIC
- SECURITY PROBLEMS BEING ADEQUATELY ADDRESSED

C. ENDORSED BY NFIB PRINCIPALS INVOLVED SUBJECT TO SECURITY

II. IHC - 1983-84

- D. CIRS MANAGEMENT GROUP AND CIRS SECURITY WORKING GROUP ORGANIZED
- E. PHASE I IMPLEMENTATION STARTED
- F. GUIDANCE ISSUED AND CIRS FUNDING INCLUDED IN FY 85 NFIP BUDGET AND REQUEST
- G. DRAFT PRELIMINARY CIRS SECURITY PLAN ISSUED BY WORKING GROUP 1/18/84
- H. WORK UNDERWAY ON REVISED MILESTONES AND PLAN UPDATE
- I. WORK CONTINUES ON COMMON USER INTERFACE AND STANDARD CONCEPT CODES

III. IHC 1983-84 - OTHER ONGOING ACTIVITIES

- A. WORK WITH COINS PMO AND DIA/RSE IMPLEMENTING 1982 MOU ON DATA COMMUNICATIONS ARCHITECTURE
- B. MICROGRAPHICS STANDARDS REVISED AND REISSUED
- C. ELECTRICAL MESSAGE FORMATS STANDARD ISSUED AND IMPLEMENTED - PROPOSAL FOR APPLICATION TO HARDCOPY FORWARDED TO IHC BY SUBCOMMITTEE
- D. DCI REPORT ON INR ADP SUPPORT PREPARED FOR HAC
- E. GEOGRAPHIC INFORMATION SYSTEMS SUBCOMMITTEE
- F. TELECOMMUNICATIONS STUDY APPROVED BY IHC - BEING DISTRIBUTED TO COMMUNITY - DCI GUIDANCE BEING ISSUED
- G. INVESTIGATION OF JAPANESE MACHINE TRANSLATION UNDERWAY IN COORDINATION WITH F.L.C.
- H. IMPLEMENTATION OF OVERT S&T REPORT RECOMMENDATIONS BEING COORDINATED WITH STEERING GROUP
- I. WORKING WITH WAOC ON NOIWON UPGRADE
- J. CONTINUING SUPPORT OF COMPUSEC PROJECT
- K. TECHNOLOGY SEMINARS

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IHC/ITS FUTURE ACTIVITIES

- A. IMPLEMENT STUDY RECOMMENDATIONS

- B. CONTINUE TO MONITOR AND COORDINATE COINS/DODIIS
IMPLEMENTATION

- C. CONSIDER FUTURE STUDY RECOMMENDATIONS

- D. MONITOR TECHNOLOGY DEVELOPMENTS AND CONSIDER RECOMMENDING
PROGRAMS TO SOLVE ENDEMIC THEATER PROBLEMS (UMSTEAD -
PACKET RADIO - MILLIMETER WAVE - FIBER OPTICS)

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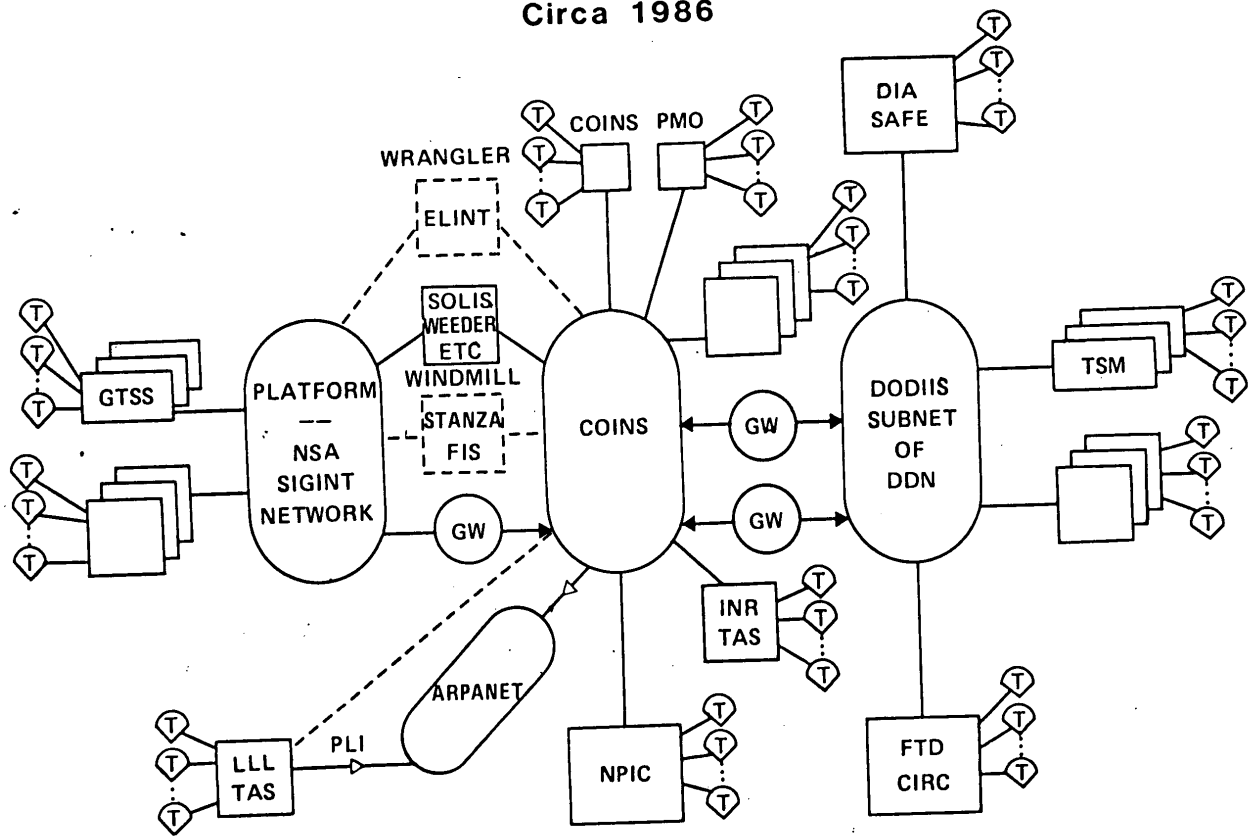
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ACTIONS TO DATE (CONTINUED)

- H. DEFINED WAOCC USER REQUIREMENTS
- I. DRAFT STANDARDS BEING COORDINATED
- J. DMA PRODUCTION PROGRAM ESTABLISHED
- K. COORDINATING WAOCC SYSTEM DEVELOPMENT PROGRAM
WITH NIO/W

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Intelligence Community Interagency Data Communications Architecture Circa 1986



TAS – COINS TERMINAL ACCESS MACHINE
GTSS – NSA GENERALIZED TERMINAL SUPPORT SYSTEM
TSM – DODIIS TERMINAL SUPPORT MACHINE

NSH – COINS NETWORK SERVICE HOST
GW – GATEWAY
PLI – PRIVATE LINE INTERFACE

Distribution of IHC-MM-84-44 and 44 A:

1-IHC Members

1-IHC/MM

1-IHC Chrono

1-IHC Subject/[] (orig)

1-ICS Registry

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DCI/ICS/IHC [] (14May84)