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SUBJECT: Thoughts on Users Requirements for COINS II

1. This group could play a vital role in the planning now underway for COINS II. It would be valuable if this group could:

a. State definitely that users in the intelligence community have a requirement to share some of their machineable data bases in an on-line fashion in COINS II.

b. Identify the major intelligence activities on which COINS II should concentrate, and the degree of concentration.

- (1) Current intelligence;
- (2) Indication and warning;
- (3) Estimates;
- (4) Long term research;
- (5) Planning;
- (6) Targeting; and
- (7) etc.....

c. Identify technical services required in COINS II by the users in the community (see Attachment I).

d. Develop procedures (e.g., DCID) by which each agency can request a COINS II file to be built, maintained or modified to meet the needs of users in the community. (See Attachment II, COINS Operating Procedures No. 1). Believe that this procedure should:

- (1) Provide means for the preparation and coordinat

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of Data Base Requirements Memorandum which sets forth the
community's requirements for a given data base.

(2) The DCI should then appoint an appropriate agency to be the Data Base Executive which in turn would be responsible for building and maintaining the community's data base.

(3) The agency appointed could use the appointment and the Data Base Requirement Memorandum as a basis for planning, programming and budgeting for the necessary resources.

e. Develop the procedures (e.g., DCID) by which each agency can request that an information handling experiment be conducted in COINS II. Such experiments should involve two or more of the participating agencies.

2. There are at least six major computer-based information systems which could be integrated into COINS II in the future. This group should establish the requirement for this integration or non-integration of these systems into COINS II.

- a. CIA - AEGIS
- b. NPIC - National photo intelligence data bases
- c. DIA - Military Intelligence including EOB.
- d. NSA - SIGINT
- e. STATE - State Department messages
- f. NAVY/OSIS - Ocean Surveillance

COINS Project Manager

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APPENDIX I

TECHNICAL SERVICES REQUIRED BY USERS
IN COINS II

1. Following are some suggested technical services that users might require in COINS II based on our experience in the COINS "Experiment".

2. Does COINS II:

a. Need to operate 24 hours-per-day, seven-days a-week

b. Need to have a common data base management system throughout the network (i.e., query and update language)? Must the DBMS:

- (1) Handle formatted and non-formatted files;
- (2) Operate in an interactive and batch interrogation form;
- (3) Current awareness capability; and
- (4) Have capability to access special program to manipulate data.

c. Need to have community-wide data standards?

d. Need to have capability to concurrently operate in two or more security compartments and to what level?

e. Need to protect need-to-know as well as security and to what level?

f. Need for system redundancy?

g. Need to share and/or experiment with additional information handling service other than IS&R?

(1) Interactive graphics

(2) Conferencing

(3) Modeling

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- (4) Sharing of computer programs
 - (5) Text editing
 - (6) On-line DELPHI

h. Need to have on-line system to support users (e.g., on-line catalogs of file descriptions, programs and users related aids)?

i. Need for remote terminals which would be able to operate with any COINS II processor as well as with internal systems? (As opposed to a separate set of remote terminal devices for COINS II and each remote access system within each agency.)

j. Need to provide capability to transfer a total file or portions of a file on an inter-agency basis?

k. Need to provide users with tools to merge data retrieved from two or more files in the network (could require high degree of data standardization)?

l. Need to have on-line system to collect and summarize management information on the operations and usage of the network?

m. Need to provide users with an on-line suggestion or complaint box to be reviewed by management?

n. Need to interface ~~COINS-II~~ to the DIA/IDHS network?

o. Need to interface ~~COINS-II~~ with Video or Micro Media retrieval systems?

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