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MEMORANDUM FOR: Director of Central Intelligence

THROUGH: Director, Intelligence Community Staff

FROM:
Chairman, Human Resources Committee

SUBJECT: Proposal for a System for Determining HUMINT Collection Capabilities Responsive to Specific Intelligence Needs

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1. Action Requested. None. For your information.

2. Background. On 24 March 1982, you ask that I develop a system for determining the HUMINT collection capabilities which are available to respond to specific intelligence needs. Attached is a concept paper for the accomplishment of this objective.

In our discussion you expressed an interest in determining the specific sources which would constitute that capability. Many of these can be explicitly done for you but there are certain kinds of sources which for reasons of source sensitivity would not be included. Thus with the cooperation of collectors, especially the DDO, we can advise you concerning overall capabilities including those which are sensitive but we cannot identify the sensitive sources via the procedure proposed in the attachment. It will remain necessary for that data to be provided directly to you by the collectors having the capability.

3. Staffing. None.

4. Recommendation. None.

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Attachment:
As stated

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SUBJECT: Proposal for a System for Determining HUMINT Collection Capabilities Responsive to Specific Intelligence Needs

I. Purpose.

To provide, at the DCI's request, succinct, timely statements of HUMINT collection capabilities--both overt (including open-source) and clandestine--to respond to national intelligence needs.

II. General Concept.

To develop a system which could provide a meaningful response to a DCI query concerning HUMINT collection capability to respond to a particular intelligence need [but which would protect sensitive sources and methods.] The following data are necessary to undertake this effort:

- o National HUMINT Collection objectives (as determined by policymakers and analysts) and amplifying requirements pertinent to the specific request.
- o HUMINT collection entities which have indicated that they have capabilities to respond.
- o Recent past reporting pertinent to the intelligence need including the type of collection asset involved.

- o Assessment data derived from evaluation of past collection efforts.
- o Special reporting and source data involving highly sensitive sources.

Considerable data (not involving sensitive sources and methods) are currently available to provide the basis for reaching judgments on collection capability. Some of the data, currently available only manually, can be placed in a small separate computer program. This together with data already on computers, will provide an easily accessible analytical base for capabilities judgments. No computer system would provide trustworthy judgments without analysis by competent professionals. Furthermore, a decision to place all pertinent data into one specific program would require massive and unnecessary replication and would violate necessary compartmentation safeguards.

In our judgment it would be a mistake to develop a general system for quantifying the above data or make general use of statistical probability methods to delineate capability, e.g., "60 percent chance that the intelligence need can be met in 30 days." We believe the likely queries would be quite broad in nature and involve continuing collection issues. We have developed an example, , which is, we believe, a , which is, we believe, a likely type of inquiry (obviously, a narrow, finite query, e.g., "what is the capability to determine the length of the runway at...." could theoretically be answered in explicit terms).

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III. Input/Data Base.

The information necessary to accomplish this evaluation would come from the following sources:

- o DCI guidance in the form of HUMINT collection objectives with amplification from the requirements systems maintained by various Community elements. These data are currently available manually but could easily be placed on a Community computer. The computer program currently exists.
- o Information on collection entities that have indicated capability by accepting primary or secondary collection responsibility. Also available manually but easily adaptable to computer. The computer program currently exists.
- o Significant reporting (except highly sensitive reports) available on two CIA systems, COLTS and RECON, supplemented by computer data files currently operational in DoD and State.
- o Generic source data, e.g., emigres. Derivable from past reporting.

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- o Capability data from assessments and FOCUS studies conducted by the Chairman, Human Resources Committee. Other evaluation data are available from State, CIA/DO/EPDS and DIA. These resource^s will become more effective as more HUMINT assessment data is acquired. They can easily be adapted for input into a Community computer^{to} the extent security permits.]

- o Certain types of sensitive reporting and source^s are not available from the foregoing resources and would^{require} special handling.] CIA/DO blue-line reports and State HODIS messages are examples. [For such reporting, special compartmentation procedures satisfactory to collectors would be necessary. Alternatively, or in specially sensitive cases, collectors would respond directly and exclusively to the DDCI/DCI.]

Analysis by a knowledgeable professional will be necessary. Reasonable deadlines are necessary for trustworthy results. The most practical system calls for correlated use of a Community computer, COLTS, RECON (ultimately SAFE), collector ADP capability, and professional analysis of the total data package [with separate input where required for sensitive material]]. Computerized data would be textual. Inputting would be a continuing process with the base becoming more meaningful over time.

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IV. Output/Product.

By analyzing the foregoing data a qualified analyst can provide the DCI with a succinct statement indicating the collection objectives and requirements which exist pertinent to the cited intelligence need, collection entities that have undertaken to report, evaluations of recent reporting, the types of sources from which this reporting derived, and an estimate of overall capability. A desirable additional step, time permitting, would involve verification of the results with the agencies concerned. A hypothetical example is at Tab A. The step-by-step process is at Tab B.

V. Initial operating capability and full capability--time required.

This system can be developed and maintained without a substantial additional resource requirement. A capability statement can now be prepared in three working days. If additional data were automated the statement could be prepared in two days. That response time can be further reduced and the value and completeness of that statement improved with additional assessment data in the system and as related systems, especially SAFE, reach maturity.

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TAB B

SUBJECT: Step-By-Step Procedure

<u>Step</u>	<u>Time Required¹</u>	
	<u>Current</u>	<u>When Automated²</u>
1. DCI request received and analysis begins.		
2. Pertinent objectives and requirements and responsible collectors are delineated.	3 hours	30 minutes
3. Based on key words, recent reporting is obtained from COLTS and RECON. (Note: Assumes source bylines are available on reports.)	2 hours	2 hours
4. Responsible collectors are advised of DCI query and requested to provide input from data not on COLTS and RECON--especially sensitive capabilities and reporting.	2 hours	2 hours ³
5. Assessment data available from NHCS is reviewed.	up to 8 hours	0 hours ⁴
6. Analysis of data is undertaken, including generic source data. ⁵	up to 8 hours	up to 8 hours
7. Final report is prepared.	3 hours	3 hours
	21 hours	15 1/2 hours

1. Assumes availability of computer terminal at CHB to which immediate access is possible.
2. Assumes only interim SAFE capability is available.
3. Assumes requests can be made by secure phone. This action runs parallel with #2 and #3 above. Time required by collectors is not included.
4. Done as part of analysis of data (#6).
5. Assumes sensitive data from collectors is made available and not forwarded separately.

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