

1

COMMENTS OR RECOMMENDATIONS ON
"THE PROCESSING OF OVERTLY COLLECTED
S&T INTELLIGENCE INFORMATION"

Many of the recommendations relative to CIRC have already been fulfilled by the decision to implement the Community Information Retrieval System (CIRS). CIRC scope has been expanded to support the entire IC needs for an open literature data base. Funding is provided beginning in FY85 to establish and operate this expanded data base. This expansion includes the incorporation of JPRS and LOC/FRD products as well as those produced by any member of the IC. Also, the CIRS implementation plan, through the use of DDN and COINS, will provide extensive terminal access to CIRC.

STAT The recommendation that each organization establish a data base for trip reports and contractor reports [redacted] plan improved retrieval of JPRS reports, appear to be contradictory to the recommendation to prevent proliferation of overlapping data bases. Also, these recommendations are inconsistent with the concept of CIRS.

The recommendation for an intensive examination of CIRC indexing is accepted in part. The need to improve coding of surname, organization, location, and nomenclature is recognized. Action is underway to accomplish this improvement. The need for greater subject indexing and/or key word assignment is not accepted. The current indexing scheme was established from a detailed analysis of cost/benefit of various indexing schemes. Text indexing and retrieval have gained wide acceptance in the technical community. Further, this is the indexing and retrieval approach to be used in CIRS.

The difficulties experienced by users that caused this recommendation is more a reflection of inadequate training rather than a CIRC system deficiency. To offset these problems, the training program is being enhanced and, more importantly, a knowledge base query language that will facilitate analyst use is being developed.

The expansion of CIRC to include translations and contractor and trip reports pose no conceptual problems. This can be readily accomplished if the reports are made available.

Effort to coordinate open literature exploitation [redacted] is underway. Both organizations agree on the need to eliminate unnecessary duplications, but the cost of the mechanism for coordination may exceed the benefits. More detailed study is required.

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The resource impact of the recommendations cannot yet be defined. Additional funding would be required for expanding the input and for acquisition of necessary computer hardware. Also, inhouse manpower augmentation would be needed to quality control the input and to operationally support the on-line system. Depending upon the final definition of requirements, the former could amount to [redacted] the latter [redacted] manpower positions.

DIA Review Completed

2

The study both addresses analyst's needs and means of satisfying those needs. While the latter is useful, the most effective solutions are likely to be recommended by those who are responsible for developing and operating the supporting systems. For these reasons, the IHC ought to be represented on the Steering Group. Several areas that fall within IHC purview, such as preparation of documentation to permit subsequent digitalization, have major effects on the resources requirements. Furthermore, a high degree of overlap, commonality of interests and objectives exists between the recommendations of the report and CIRS. As IC manager of CIRS, their representation on the Steering Group will insure coordination of these efforts.



DEFENSE INTELLIGENCE AGENCY

**ASSISTANT VICE DIRECTOR
FOR
SCIENTIFIC & TECHNICAL INTELLIGENCE**

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Memo For

Per our telephone conversation

2 Feb.

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found waiting here 10 Feb