File : Bibliography

ED/A Registry

79- 1074

CONFIDENTIAL

ODP-9-480
SAF-E059-79
23 March 1979   *cc : I WC*

SAFE

MEMORANDUM FOR : Associate Deputy Director of Administration

FROM   25X1A   : ███████████████

Director, Consolidated SAFE Project Office/ODP

SUBJECT   : Proposal for Centralized Community Bibliographic
                   and Document Retrieval System

25X1A

     1.   As you requested on 28 February, I have reviewed the
proposal made to the Chairman of the Intelligence Handling
Committee to provide the subject service to the community. In
particular, I asked ███████████ to review the security implica-
tions of the service as proposed.

     2.   As noted in the attached memorandum, the accessing of
the RECON data base by both the community and internal Agency
users presents security problems. It appears that some of the
data in this data base requires controlled access and must be
screened out for outside users. If open access is given by the
COINS network to this file, then about 164,000 records would
have to be eliminated from the file. This would mean that
internal users of that file would not have access to the com-
plete file. Alternatively, external requests could be screened
by a human intermediary such that the same files could be used
for all users. Given the small number of external queries pro-
jected, this would appear to be the preferred method of operation.

     3.   Given the security considerations attached and the un-
desirable cost of duplicating the service, it would appear that
an internal service for free access by the Agency, but providing
screened access to external users, would be the least expensive
alternative. It should also be capable of sustaining the ex-
ternal load as projected.

     4.   These bibliographic files are indeed the files to be
used on the SAFE system and hence any extension of current
capabilities should be coordinated with the SAFE program to
avoid developing this capability twice. If the IH C initiates
a study on this subject, we would be happy to participate.

CONFIDENTIAL

This document becomes UNCLASSIFIED
when separated from attachment.

SUBJECT: Proposal for Centralized Community Bibliographic
           and Document Retrieval System

        5.   I trust that either you or Mr. Eisenbeiss is still
the representative for the IHC. I would be glad to discuss
this further if you would like.
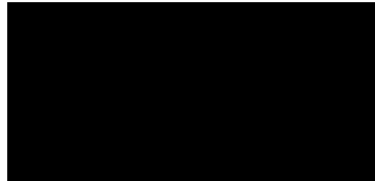
25X1A

cc: Acting Director of ODP
      Director of OCR

ODP-9-428
SAF-E046-79
14 March 1979

MEMORANDUM FOR: Director, Consolidated SAFE Project Office/ODP

25X1A FROM   : ███████████████

SAFE Security Advisor

SUBJECT   : Proposal for Community Access to the
                  Bibliographic Files Supported by RECON

1.   Before addressing the specific questions from
D/ODP on the buckslip attached to ODP-8-2184, 25 January 1979,
I read the memo to gain necessary background. It presents
the subject proposal to the DCI Intelligence Information
Handling Committee and develops three options for implementing
the desired service. These are: 3a. Off-Line Service, 3b.
Direct On-Line Service and 3c. On-Line Service through
Intermediaries. The last, 3c. is impressive for the following
reasons: (U)

    a.   Provides a high degree of security without system
       complications. (U)

    b.   Is economical because it places the "filters" on
       the side of RECON where there is the least activity
       and because it does not require duplication of
       hardware or data. (U)

    c.   Is flexible and provides a smooth transition for
       the non-CIA users when RECON-supported bibliographic
       files become the Central Index File for SAFE. (U)

    d.   Provides a customized service for the diverse
       requestors by knowledgeable "librarians" so that
       much training and unwanted output can be eliminated.
       Because only 10 queries per day are reported now
       with an eventual growth projection to 50 per day
       later on, this method should remain economically
       feasible and responsive. (U)

2.   Preparing to answer the buckslip questions (copy
attached), which are primarily associated with the 3b.
Direct On-Line option, I discussed the matter with OCR/SAS,
OCR/ISG/SAIO, OS/ISSG and various CSPO personnel to gather

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☒ DECL ☐ REVW ON _____

EXT BYND 6 YRS BY _____

REASON _____

information and statistics. All were most helpful. From a
security viewpoint, this option is the least desirable.
However, certain general minimum security requirements can
be identified. More might be necessary later on based on
further details of the plan. (A-IOU)

a.   The RECON terminals and printers at the non-CIA
      facilities would have to be dedicated and in areas
      meeting the requirements of the Combined Minimum
      Security Standards for Compartmented Information.
      These standards include physical, personnel and
      technical security. The link to RECON would have
      to be via an approved encrypted communication
      channel. (U)

b.   A "duplicate" data base of some sort will be
      needed as the least problematic way to serve the
      CIA users. A number of the ways you have suggested
      to provide parallel or serial updating of the
      bases sound promising. Because there are so many
      more CIA users even now - about 300+ generating
      nearly three times as many queries as non-CIA - it
      is imperative to provide them direct access to a
      data base without "security gateways" (if such
      were available) or any other impedance to good
      service. As stated above, the outside use for
      which the dedicated host is suggested will start
      with an average of ten queries per day with a
      projected growth to fifty per day. (U)

c.   Another reason for a "duplicate" data base (and
      the reason for the quotation marks) is to retain
      present day dissemination restrictions. In the
      current off-line method of handling outside users,
      the OCR personnel screen out some requests or
      limit the response based on dissemination controls
      imposed on certain files by the data owners. A
      comprehensive, double layer set of codes is
      associated with the records for this purpose.
      About 164,000 records would currently be limited
      or screened out from an NFIB requestor. For an
      off-line or human intermediary system, spillage
      would present no serious problem. But for an
      interactive system for non-CIA users, a data base
      should be provided devoid of the restricted items
      so that the software does not have to be trusted
      to provide the control. (C)

2

d. Depending on the file update method chosen for the two versions of bibliographic files, provisions would have to be made in the SAFE design to securely accommodate the communications for update. A twisted pair in the secure distribution grid could later be replaced by a dedicated channel on the WBCS when SAFE makes this available. (U)

e. The transition from the current RECON system to the Central Index File of SAFE would also have to be addressed in the SAFE plan. Would it be possible, for instance, to install the "internal" version of the RECON-supported files directly in the SAFE Center-to-be? Or must a temporary secure home for it be provided which would be phased out later? The other transition would be in terms of the growth in internal users from the 300 mentioned above to the total SAFE user population. (U)

f. If any new <u>kind</u> of access is approved for non-CIA users, this change would have to be submitted to the data owners involved in the RECON-supported files for their concurrence. Their willingness to provide certain sensitive files to the present system might have been based on trust in the dissemination controls built into a human intermediary system. DDO would be especially sensitive to this. (C)

3. All questions on the buckslip have been addressed in the above security requirements. In addition, other restraints are mentioned which go beyond the questions but which are pertinent. The guidance does not rely on security technology still developmental because IOC for RECON community use could be about a year after approval. Incidentally, the choice of 3a. (the slight enhancement of the current method) or the 3c. On-Line Human Intermediary options would allow easier implementation, although the remote terminals of 3c. would also have the requirements of Paragraph 2a above. (U)

25X1A

Attachment: buckslip

Distribution:
    D/CSPO/ODP
    C/ISSG
    Al P.
    Chrono
    ODP Registry

25X1A

2 8 FEB 1979
MEMORANDUM FOR:

ASAP - please
give me a reasonably-well thought - out
response.

If we make RECON a community
system and allow direct access to its
files (which will reside on a dedicated
host) by non-CIA people through COINS,
how will we provide access to CIA
bibliographic records for SAFE users?
What is the impact of a community
RECON system on SAFE plans / design?

Date

2/27/79

FORM
5-75 101 USE PREVIOUS
EDITIONS

ODP-9-436
15 MAR 1979

MEMORANDUM FOR: Chief, Information Systems Security
Group, Office of Security

FROM 25X1A :

Chief, Management Staff, ODP

SUBJECT : Proposal for a Centralized Community
Bibliographic and Document Retrieval
System Operated by CIA

1. During our meeting on 12 March with the Director
of Data Processing, we briefly discussed a proposal that
the Intelligence Information Handling Committee study
the feasibility and desirability of adopting CIA's RECON
bibliographic index and ADSTAR micrographic document
storage and retrieval system as a Centralized Intelligence
Community Bibliographic and Document Retrieval System,
managed and operated for the Community by CIA. A copy
of the proposal, that was made by the CIA Member, IHC -
Clifford D. May, Jr., is attached for your information.

2. Inasmuch as considerable interest in the pro-
posal is being expressed by IHC Committee members, this
matter is called to your attention because of the possible
security implications.
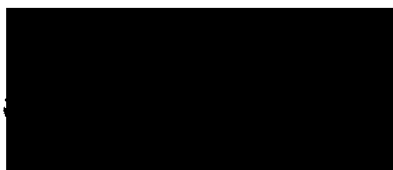
25X1A

Attachment:
ODP-8-2184

cc: SO/ODP - w/o Attachment

MEMOX
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25X1A ODP/MS/ :ial/14Mar1979

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TO	NAME AND ADDRESS	DATE	INITIALS
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5	*Acting D/ODP -*		
6	File IHC		

ACTION		DIRECT REPLY		PREPARE REPLY
APPROVAL		DISPATCH		RECOMMENDATION
COMMENT		FILE		RETURN
CONCURRENCE		INFORMATION		SIGNATURE

Remarks:

Bruce:

Please save for my successor. I'm glad I asked the question!

3/28

FOLD HERE TO RETURN TO SENDER

FROM   DATE