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28 September 1979

MEMORANDUM	FOR	THE	RECORD
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FROM :

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Information Services Staff/DDA

SUBJECT: Major Problems to be Resolved During the Development of

Automatic Data Processing Applications in ISS

I. On 21 and 22 June 1979, the following ISS managers and analysts met at the Agency Archives to review the work that has been done to date on each of our Automatic Data Processing (ADP) systems, to brief each other on what we are doing, and to discuss what we would like the future of our systems to be:

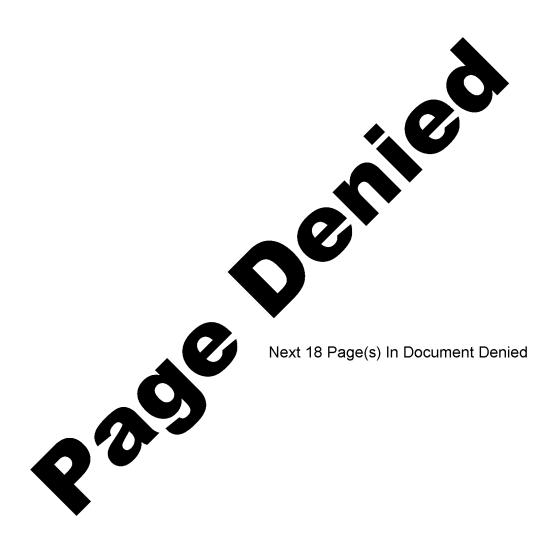
C/CRD
Records Reviewer OPS/CRD
DC/ARCB/RMD
C/DDS&T/CRD
Records Reviewer CRD
C/RMD
Records Analyst RSB/RMD
C/NFAC/CRD
Records Analyst RSB/RMD
Systems Analyst ITB/RMD
C/ADMIN/CRD
C/ITB/RMD
ISS
C/ARCB/RMD
Systems Analyst ITB/RMD
Systems Analyst ITB/RMD

II. During the conference, we identified 19 problem areas or issues which need to be resolved. These problem areas are outlined below and then explained in detail along with a brief statement of the action that will be taken to try to solve each problem. The problem list is not intended to be a complete reiteration of all problem areas or concerns mentioned during the conference. Many questions were raised, discussed, and answers given during the conference. The 19 problem areas identified are problems of importance to which we must allocate varying amounts of time and effort to resolve.

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III. The problems fall into four categories which we astutely label A, B, C, and D. Problems that relate to more than one system are presented first. These problems are discussed under the heading 'Problems related to The Records Information System." Our thoughts on the purpose and scope of The Records Information System are presented there. Then, in parts B, C, and D, the problems associated with three individual systems are presented.

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AGENDA

	Thursday] OTAT
	0900	Kickoff	STAT
	0915	Records Management View	
	0945	Records Center and Archives	, K
	1010	Coffee B reak	
	1030	Classification Review	
	1100	Micrographics systems	
	1115	The view from the implementors	
	1200	Lunch	
e. pril	1315	Discussion I: Questions and concerns	
	141\$	Break	
y.	1430	Discussion II	
STAT	1600		s Programing
	1700	Leave for dinner	vision, ODP
STAT	1715-1815	Dinner is served	
	Friday		
	0900	Discussion III	
	1015	Coffee Break	
	1030	Discussion IV	
	1200	Lunch	
	1315	Concluding session:	
		Review action items and issues Identify issues to be included in paper	
٠.	in the state of th	Assign action items	
•	1500	Leav e for Washington	
	•		

ISS ADP PLANNING CONFERENCE

21-22 June 1979

PROPOSED DISCUSSION TOPICS

	COMPUTER HARDWARE	
STAT	would like to know more about the type of computer equipment they and where it will be located.	STAT
	needs one more computer terminal (they now have one terminal in Key Bldg).	STAT
$\mathcal{A}_{\mathcal{A}}$	is concerned about computer reliability. They can generate a large input backlog when computer is down. Reep log of Locumentaries CRD would like to know how an on-line input and an on-line search capability will impact the way they now do their work	arSTAT
and with	CRD would like to know how an on-line input and an on-line search capability will impact the way they now do their work.	me
	COMPUTER USE	
STAT	would like to know more about the back-up procedures will follow when the computer is down.	STAT
	wants to know who is going to key shelf lists when backlog is done.	STAT
	feels that CRD has a serious problem in getting qualified people to do data entry and data verification work. Higher grade slots are needed.	STAT
	CRD would like to have a technique for measuring the accuracy of their data. Accuracy includes review decision errors as well as keying errors. Can some checks be devised to prevent errors.	action
	says that we have some problems to solve in assigning classifications to computer printouts.	STAT
	feels that better documentation is needed for our development work and our use of active applications. Better planning documents and user manuals.	STAT
	thinks that someone should develop an ADP training plan for ISS people who will be most involved in running our computer applications.	STAT

COMPUTER USE CONT'D

is concerned about the possibility of having to merge DARE data with other ISS computer applications. feels this data is too sensitive for a data sharing environment.	STAT STAT
HANDLING RETIRED RECORDS	•
feels that it may take longer to process a request for retired records after computer is installed. Generally feels that computer application may not be cost effective.	STAT
is evaluating the practive of recording classification review data on the document rather than on a computer input sheet.	STAT
CRD does not know what they will be required to do on the 10th anniversary of the initial classification review. Will they have to review everything again (while trying to keep up with first-time reviews); will they have to create a new index item for DARE.	•
feels that computer is placing constraints on the way people retire and retrieve records. How do we retire a couple of inches of microfilm?	STAT
believes that "open-end" jobs should be allowed.	STAT
have had some problem with identifying storage spaces and volume statistics for odd size records and artifacts.	STAT
wants to know how OSS records are going to be indexed into ARCINS and RAMS. Since part of this collection is going to NARS, how will we know who has what.	STAT
has a problem in that the records he receives for review are frequently not in good order and are not sent by the Directorates on a timely basis.	STAT
INFORMATION REQUIREMENTS	
has a unfullfilled requirement to collect information on documents that have been microfilmed.	STAT
would like to have a computer printout from ARCINS showing folders that have an M in the media column.	STAT

	INFORMATION REQUIREMENTS CONT'D	
_	thinks that more work needs to be done on determining the information requirements of Agency records managers.	STAT
	ISS INTERFACE WITH OTHER ORGANIZATIONS	
	sees a problem with the DDO duplicating our efforts to index retired records. Other organizations may also duplicate our work. DDO has not yet provided ISS with shelf lists.	STAT
	CRD is concerned about the exchange of data between people working on mandatory review and CRD people working on 20 year systematic review.	
	has a new problem area in that CRD is being asked to get DCI certification that the sanitized portions of released documents are in fact classified.	STAT
	KEEPING INFORMED	
	sees a problem in the fact that we are not well informed on the ADP activities of the staff.	STAT
	says that his people are often asked questions by records reviewers on the capabilities of the computer applications we are developing. He is not sure they understand enough about these applications to properly explain them to others.	STAT

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Members of the CRG "delegation" to the ADP conference have proposed the following points for discussion. I relayed these to who put them on Susie's list of topics, except for point 9.

- l. Capabilities and limitations of an automated system. I told had suggested this be first on the agenda so that we would ST be starting the discussion with a bit more information. He said he would see what he could do.
- 2. Some method for determining our error rate so that we can judge the effectiveness of changes in the system.
- 3. What data are we going to have to produce from our data base in years to come? Are we reasonably sure we are putting the right data in? Are we entering too much? This is an agency program, what data do the four components want us to enter?
 - 4. To what extent can we perform a re-review function by computer?
- 5. One of the more immediate problems is how to enter into the DARE system documents declassified or downgraded under FOIA or mandatory review.
- 6. How can CRG perform its responsibilities with limited assets currently assigned to it?
- 7. Additional assets and a firmer procedure are needed to assure qualtity control, both from a review standpoint and that of keying into the system.
- 8. When do we expect to be on line with the DARE system? What additional flexibility will this provide? How can we use it to our advantage? What limitations will it impose?
- 9. All CRG participants see the DARE system purposes as being entirely separate from the two other systems concerned and see no advantages in a merger. There are, in fact, some possible disadvantages and limitations.

As mentioned above, I did not gige point 9 to _____ because I did not STAT want it to appear that CRG had already made up its collective mind before hearing opposing views.

12 June 1979

TAT	MEMORANDUM FOR:	
STAT	FROM : Acting Chief, Information Systems Analysis Sta	ıff
	SUBJECT : ISAS ADP Planning Conference	•
	1. On 21 and 22 June, the Information Systems Analysis St will hold a planning conference on the development of our data processing systems. I would greatly appreciate your participat The conference will be held in the Archives Building.	
	2. The purpose of the conference is to review the work the has been done to date on each of our ADP systems, to brief each other on what we are doing now, and to discuss what we would list the future of our systems to be. Special attention will be give to problem areas which could inhibit the development of the system as a product of this conference, I would like for us to produce paper that presents the major management and/or technology issues that will have to be resolved as we move ahead with the develop of our ADP systems.	ke ven tems. a
STAT STAT	3. I have asked of RAB to serve as Conferen Coordinator. have been working with h on developing the agenda. Pete will also make the necessary arments for rooms and meals. A proposed agenda is attached.	im
STAT		

Attachment