REPORT NO. SIG/SDI-1

SURVEY OF CURRENT SYSTEMS FOR SELECTIVE DISSEMINATION OF INFORMATION (SDI)

Compiled and edited by
Edward M. Housman
U.S. Army Electronics Command
Chairman, SIG/SDI

JUNE 1969

Special Interest Group on SDI (SIG/SDI)
AMERICAN SOCIETY FOR INFORMATION SCIENCE
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<td>Johns Hopkins Univ. (2)</td>
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<td>National Research Council, Canada</td>
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<td>Naval Weapons Laboratory</td>
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<td>Bureau of Reclamation</td>
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<td>Scientific Doc. Centre, U.K.</td>
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<td>Share Research Corp.</td>
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<td>Squibb Inst. for Med. Research</td>
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INTRODUCTION

This compilation of fact sheets describing 100 systems for Selective Dissemination of Information (SDI) is the result of a comprehensive survey of known and suspected SDI systems in the U.S. and abroad. It was assembled by the newly-formed Special Interest Group on Selective Dissemination of Information (SIG/SDI) of the American Society for Information Science to stimulate flow of information among workers in this fast-moving field.

We hope that the publication, in addition to serving an educational function, will encourage direct informal contact among persons interested in SDI, and thus stimulate progress in the field. To this end, each system description contains the name, address, and phone number of the system operator.

The body of this report consists of reproductions of the 100 fact sheets received in response to the survey, organized into operational, pilot, and planned systems. The survey form was designed to give a detailed picture of system design factors, organized in such a way that the reader can rapidly locate systems with specific characteristics of interest. The fact sheets were reproduced exactly as received, except for a few that were not reproducible and had to be copied over. To save on printing cost, the comment sheets were reproduced only when they contained significant data.

Many systems submitted sample SDI printouts, examples of which are published in the appendix. The others are being held in file along with numerous brochures and articles we have received.

Response to the survey has been surprisingly good. There are some systems that have not reported in, but the impressive number that did, makes this the most comprehensive collection of system descriptions published to date. The mass of data can certainly be taken as representative of SDI applications in a broad spectrum of government, industry, and university environments throughout the world.

Background on SDI

Selective Dissemination of Information, proposed by H. P. Luhn* in 1958 as a new application for computer technology involves use of automated information retrieval techniques to keep a group of subscribers continuously aware of the latest publications in their special interest areas. The subscriber to an SDI system submits an "interest profile" defining the specific (usually narrowly-defined) subject areas in which he requires knowledge of all new publications. The system responds by announcing periodically to each subscriber all new documents encountered during the period that conform to his interest specification.

Generally, such systems are computer based, and provide for periodically updating the subscriber's interest profile based on subscriber feedback.

In recent years there has been a spurt of interest in SDI applications because many large information banks (e.g. Chem Abstracts, NASA, and the Institute of Scientific Information) have begun to make available computer tapes containing records of all their new accessions. This has made it economical for many organizations to search huge sectors of the published literature, thus greatly increasing the value of their SDI service.

SIG/SDI

The Special Interest Group on SDI was formed last October in response to this surge of interest in SDI among technical libraries and information centers. The group's purpose is to provide for maximum exchange of information among those operating SDI systems, or exploring their use.

The group now has approximately 200 members, each of which is being sent a copy of this report. A periodic newsletter is also published, and a move is underway to establish our own SDI service covering the current literature related to SDI applications.

We encourage all SDI system operators to join SIG/SDI and participate in its activities. If you are not already a member, you may become one by filling out the application blank below (and checking the SIG/SDI option). You will automatically become a member of SIG/SDI and $2 of your ASIS dues will go to support SIG/SDI programs.

---

**AMERICAN SOCIETY FOR INFORMATION SCIENCE**
3911 Eye Street, N.W.
Washington, D.C. 20006

---

**MEMBERSHIP APPLICATION**
(To be filled in by NEW members only)

Please print or type application

NAME: ____________________________
LAST FIRST MIDDLE INITIAL

PREFERRED MAILING ADDRESS:
(If business address, include
company name)

ZIP:

Please indicate: Individual Membership $25 □ Student Membership $10 □ *

* Students should indicate university and have faculty adviser sign application here ____________________________

PLEASE ENCLOSE CHECK OR MONEY ORDER **

NOTE: Membership is on a calendar year basis only. Applications received after October 1 will be processed for the following full calendar year with complimentary membership from October 1-December 31.

---

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(Check all those you wish to affiliate with)

Regular membership dues of $25 and Student Membership dues of $10 include membership in one SIG. You may join additional SIG's upon payment of $2 each per year.

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- Education for Information Science (ES)
- Classification Research (CR)
- Library Automation and Networks (LA)
- Information Analysis Centers (IA)
- Automated Language Processing (ALP)
- Reprographics Technology (RT)
- Biomedical and Chemical Information Systems (BC)
- Behavioral and Social Sciences (BSS)
- Salaries and Dissemination of Information (SDI)

** Total number of SIG's checked ____________________

Please indicate: Individual Membership $25 □ Student Membership $10 □ *

* Students should indicate university and have faculty adviser sign application here ____________________________

TOTAL AMOUNT ENCLOSED $_________
Acknowledgements

SIC/SDI extends its thanks to Mr. Jim Johannsen of Share Research Corp. for providing us with the excellent SDI address list that resulted from his 1968 questionnaire. This list formed the nucleus for our fact sheet distribution.

Thanks are also extended to SIG/SDI's secretary-treasurer, Miss Elaine Kaskela of Johns Hopkins University, for helping to prepare and distribute the survey forms, and for her valuable suggestions.

A great deal of credit for the success of this survey also must go to the 27 charter members of SIG/SDI whose suggestions for improving the survey package were most helpful.

ANALYSIS OF DATA

The system fact sheets in the body of this report are organized alphabetically into operational, pilot, and planned systems, and the questions are laid out in a matrix for rapid scanning.

However, to save the reader the arduous chore of tabulating statistics on system parameters of interest, we have prepared a series of tables, each with an interpretive statement, which reveal the main trends of the data. A perusal of these tables will provide an up-to-date picture of the major findings revealed by the survey.

Note that in the fact sheet we have deliberately omitted detailed questions on system cost and system evaluation. We felt that such questions, by their nature, would discourage responses. Also, since there are no established criteria, the data would be of little value for comparison. We hope in the future to establish such standards and solicit data in these areas.

Tabular Data

TABLE 1. STATUS OF SYSTEMS

(The survey covers a large percent of the known systems. Note that 31 respondents, mostly representing large firms, are actively exploring SDI. Two organizations, Health Research Inc. and Brookhaven National Laboratory, report they had discontinued their SDI service.)

<table>
<thead>
<tr>
<th>OPERATIONAL SYSTEMS</th>
<th>PILOT SYSTEMS</th>
<th>PLANNED SYSTEMS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>69</td>
<td>19</td>
<td>12</td>
<td>100</td>
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</table>
TABLE 2. SUBSCRIBERSHIP SIZE

(There is a very wide range of subscribership sizes peaking at the 50-100 range. Of the systems that gave projected figures, most anticipated significant increases in the next 6 months.)

<table>
<thead>
<tr>
<th>NUMBER OF SUBSCRIBERS (by range)</th>
<th>OPERATIONAL</th>
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<th>TOTAL</th>
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<tbody>
<tr>
<td>1-25</td>
<td>6</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>25-50</td>
<td>5</td>
<td>8</td>
<td>13</td>
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<tr>
<td>50-100</td>
<td>15</td>
<td>2</td>
<td>17</td>
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<tr>
<td>100-200</td>
<td>10</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>200-500</td>
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<td>11</td>
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<tr>
<td>500-1,000</td>
<td>3</td>
<td>1</td>
<td>4</td>
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<tr>
<td>1,000-5,000</td>
<td>8</td>
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<td>8</td>
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<tr>
<td>65,000*</td>
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<tr>
<td>No answer</td>
<td>10</td>
<td>1</td>
<td>11</td>
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</tbody>
</table>

*The F.W. Dodge Co. reports this huge figure, which puts it in a class by itself in terms of subscribership size. It has about three times as many subscribers as the rest of the reporting systems combined.

TABLE 3. PROCESSING MODES

(An overwhelming number of systems report computer use, with a large number of IBM 360 models, and other late generation computers. Many different computer models and program languages are reported.)

<table>
<thead>
<tr>
<th>PROCESSING MODE</th>
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<td>MANUAL</td>
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<td>3</td>
<td>4</td>
<td>7</td>
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TABLE 4. SOURCE OF INPUT DOCUMENTS

(More than half of the systems report use of external citation tapes. Exclusive use of tape is the most popular choice.)

<table>
<thead>
<tr>
<th>SOURCE OF DATA BASE</th>
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<td>2</td>
<td>4</td>
<td>6</td>
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TABLE 5. EXTERNAL TAPES USED

(Chem Abstracts and NASA tapes are the most popular of 14 sources mentioned by the 47 systems using, or planning to use, tapes. Several systems report using more than one tape.)

<table>
<thead>
<tr>
<th>TAPE SOURCE</th>
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<td>Chem Abstracts</td>
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<td>NASA</td>
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<td>9</td>
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<tr>
<td>ISI</td>
<td>6</td>
<td>1</td>
<td>0</td>
<td>7</td>
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<tr>
<td>Engineering Index</td>
<td>5</td>
<td>1</td>
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<td>6</td>
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<td>DDC</td>
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<td>2</td>
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<td>Nat'l Library of Medicine</td>
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<td>AEC</td>
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TABLE 6. MONTHLY DOCUMENT INPUT VOLUMES

(A wide range of numbers are reported. In general, external tapes make it possible to achieve high volumes.)

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<td>-100-500</td>
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<td>10,000-30,000</td>
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<td>16</td>
<td>5</td>
<td>21</td>
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</tbody>
</table>
TABLE 7. TYPES OF DOCUMENTS PROCESSED

(Combinations were too various to correlate, so gross tallies are entered. Journal articles only, and journal articles plus reports, were the two most popular categories.)

<table>
<thead>
<tr>
<th>DOCUMENT TYPE</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>PLANNED</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>REPORTS</td>
<td>42</td>
<td>9</td>
<td>4</td>
<td>55</td>
</tr>
<tr>
<td>JOURNAL ARTICLES</td>
<td>54</td>
<td>13</td>
<td>4</td>
<td>71</td>
</tr>
<tr>
<td>TRADE MAG ARTICLES</td>
<td>13</td>
<td>2</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>PATENTS</td>
<td>19</td>
<td>3</td>
<td>1</td>
<td>23</td>
</tr>
<tr>
<td>OTHER (Incl books)</td>
<td>22</td>
<td>2</td>
<td>0</td>
<td>24</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>4</td>
<td>3</td>
<td>8</td>
<td>15</td>
</tr>
</tbody>
</table>

TABLE 8. INDEXING OF CITATIONS

(The thesaurus was the most popular approach, but title searching and automatic text analysis are becoming more popular to reduce indexing man-hours. Most systems checked off several methods.)

<table>
<thead>
<tr>
<th>INDEXING METHOD</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>PLANNED</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>THESAURUS</td>
<td>35</td>
<td>11</td>
<td>6</td>
<td>52</td>
</tr>
<tr>
<td>FREE TERMS</td>
<td>16</td>
<td>4</td>
<td>2</td>
<td>22</td>
</tr>
<tr>
<td>WORDS IN TITLE</td>
<td>18</td>
<td>3</td>
<td>2</td>
<td>23</td>
</tr>
<tr>
<td>AUTOMATIC TEXT ANALYSIS</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>WEIGHTS</td>
<td>11</td>
<td>1</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>ROLES</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>LINKS</td>
<td>6</td>
<td>3</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>OTHER</td>
<td>7</td>
<td>5</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>7</td>
<td>2</td>
<td>6</td>
<td>15</td>
</tr>
</tbody>
</table>

TABLE 9. IS INDEXING DONE IN-HOUSE?

(It's 50-50 among operational systems.)

<table>
<thead>
<tr>
<th>DONE IN-HOUSE?</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>PLANNED</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>25</td>
<td>8</td>
<td>4</td>
<td>37</td>
</tr>
<tr>
<td>NO</td>
<td>25</td>
<td>5</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>19</td>
<td>6</td>
<td>8</td>
<td>33</td>
</tr>
</tbody>
</table>
### TABLE 10. NUMBER OF INDEX TERMS ASSIGNED TO AVERAGE DOCUMENT

(The number peaks strongly at 10-15 terms)

<table>
<thead>
<tr>
<th>NUMBER OF TERMS (RANGE)</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5</td>
<td>3</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>5-10</td>
<td>10</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>10-15</td>
<td>17</td>
<td>4</td>
<td>21</td>
</tr>
<tr>
<td>15-20</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>20-25</td>
<td>4</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>25-50</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>More than 50</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Undetermined</td>
<td>6</td>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>No Answer</td>
<td>21</td>
<td>7</td>
<td>28</td>
</tr>
</tbody>
</table>

### TABLE 11. INTEREST PROFILE PREPARATION

(In the overwhelming number of cases, profiles are prepared by trained indexers.)

<table>
<thead>
<tr>
<th>PROFILES PREPARED BY:</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBSCRIBER</td>
<td>11</td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td>PROFESSIONAL INDEXER</td>
<td>40</td>
<td>6</td>
<td>46</td>
</tr>
<tr>
<td>BOTH</td>
<td>15</td>
<td>4</td>
<td>19</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>3</td>
<td>6</td>
<td>9</td>
</tr>
</tbody>
</table>

### TABLE 12. CODING OF PROFILE TERMS

(Logical connectors and weights are the most popular options. Truncation is getting more popular as free term searching of titles and abstracts comes into wider use.)

<table>
<thead>
<tr>
<th>PROFILES PREPARED USING:</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEIGHTS</td>
<td>27</td>
<td>4</td>
<td>31</td>
</tr>
<tr>
<td>ROLES</td>
<td>4</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>LINKS</td>
<td>4</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>LOGICAL CONNECTORS</td>
<td>37</td>
<td>5</td>
<td>42</td>
</tr>
<tr>
<td>'TRUNCATION</td>
<td>19</td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td>OTHER</td>
<td>10</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>13</td>
<td>5</td>
<td>18</td>
</tr>
</tbody>
</table>
### TABLE 13. NUMBER OF TERMS PER PROFILE

(There are peaks at 10-15 and 25-50 terms.)

<table>
<thead>
<tr>
<th>AVG. NUMBER OF TERMS IN PROFILE (BY RANGE)</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5-10</td>
<td>7</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>10-15</td>
<td>9</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>15-20</td>
<td>7</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>20-25</td>
<td>3</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>25-50</td>
<td>12</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>50-75</td>
<td>11</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>75+</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>18</td>
<td>9</td>
<td>27</td>
</tr>
</tbody>
</table>

### TABLE 14. MATCHING TECHNIQUE

(Boolean logic is the most heavily used strategy. Many systems use several strategies. This question was somewhat confusing since Boolean logic includes many of the other strategies, and term weighting appears to have been confused with weights-with-hit-level.)

<table>
<thead>
<tr>
<th>SEARCH STRATEGY</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOOLEAN LOGIC</td>
<td>42</td>
<td>9</td>
<td>51</td>
</tr>
<tr>
<td>SINGLE TERM MATCH</td>
<td>22</td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td>WEIGHTS, OR WEIGHTS WITH HIT LEVEL</td>
<td>29</td>
<td>5</td>
<td>34</td>
</tr>
<tr>
<td>NEGATION</td>
<td>32</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td>MUST TERMS</td>
<td>16</td>
<td>1</td>
<td>17</td>
</tr>
<tr>
<td>PERCENT MATCH</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>OTHER</td>
<td>11</td>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>5</td>
<td>2</td>
<td>7</td>
</tr>
</tbody>
</table>

### TABLE 15. RUN FREQUENCY

(Among the operational systems, there is a rather even distribution in the weekly, semi-monthly, and monthly categories. Among pilot systems, weekly runs predominate.)

<table>
<thead>
<tr>
<th>RUN FREQUENCY</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEEKLY</td>
<td>20</td>
<td>7</td>
<td>27</td>
</tr>
<tr>
<td>SEMI-MONTHLY</td>
<td>20</td>
<td>3</td>
<td>23</td>
</tr>
<tr>
<td>MONTHLY</td>
<td>18</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>11</td>
<td>7</td>
<td>18</td>
</tr>
</tbody>
</table>
TABLE 16. FORM OF ANNOUNCEMENT

(Paper print-out and cards are the most heavily used media. Data on cards is somewhat interpretive in table since wording of question seems to have been confused by many respondents. Some indicated more than one mode.)

<table>
<thead>
<tr>
<th>ANNOUNCEMENT MEDIUM</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARDS*</td>
<td>17</td>
<td>5</td>
<td>22</td>
</tr>
<tr>
<td>COMPUTER PRINT-OUT ON PAPER</td>
<td>33</td>
<td>10</td>
<td>43</td>
</tr>
<tr>
<td>REPRODUCED ABSTRACTS</td>
<td>14</td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td>REPRODUCED DOCUMENTS</td>
<td>5</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>OTHER</td>
<td>7</td>
<td>4</td>
<td>11</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

*With or without machine readable stubs

TABLE 17. SUBSCRIBER FEEDBACK

(Most systems used several methods, but the interview technique is the most popular.)

<table>
<thead>
<tr>
<th>FEEDBACK TECHNIQUE</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUESTIONNAIRE</td>
<td>26</td>
<td>8</td>
<td>34</td>
</tr>
<tr>
<td>INTERVIEW</td>
<td>38</td>
<td>9</td>
<td>47</td>
</tr>
<tr>
<td>USER EVALUATION OF EACH CITATION</td>
<td>31</td>
<td>8</td>
<td>39</td>
</tr>
<tr>
<td>ORDERS FOR DOCUMENTS</td>
<td>28</td>
<td>2</td>
<td>30</td>
</tr>
<tr>
<td>OTHER</td>
<td>8</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
</tbody>
</table>

TABLE 18. COPIES PROVIDED ON REQUEST?

(Over 3/4 of the systems provide copies.)

<table>
<thead>
<tr>
<th>COPIES PROVIDED?</th>
<th>OPERATIONAL</th>
<th>PILOT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>54</td>
<td>9</td>
<td>63</td>
</tr>
<tr>
<td>NO</td>
<td>12</td>
<td>5</td>
<td>17</td>
</tr>
<tr>
<td>NO ANSWER</td>
<td>3</td>
<td>5</td>
<td>8</td>
</tr>
</tbody>
</table>
(In general the trained indexer plays a major role, but a surprising number of systems have the subscriber revise his own profile.)

<table>
<thead>
<tr>
<th>Profiles Revised By:</th>
<th>Operational</th>
<th>Pilot</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subscriber</td>
<td>18</td>
<td>5</td>
<td>23</td>
</tr>
<tr>
<td>Indexer</td>
<td>25</td>
<td>4</td>
<td>29</td>
</tr>
<tr>
<td>Subscriber and Indexer</td>
<td>18</td>
<td>4</td>
<td>22</td>
</tr>
<tr>
<td>Automatic, by computer</td>
<td>4</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>No Answer</td>
<td>4</td>
<td>2</td>
<td>6</td>
</tr>
</tbody>
</table>
SYSTEM FACT SHEETS

I. OPERATIONAL SYSTEMS
**Name of Respondent:** M.T. GRENIER  
**Organisation & Address:** KEROJET - GENERAL CORP., P.O. BOX 296, AZUSA, CALIF. 91702

### I. STATUS OF SYSTEM
- **Operational:** 1 - 25 actual, 300 - 350 potential
- **Planning stage:** No

<table>
<thead>
<tr>
<th>Present no. of subscribers</th>
<th>Individuals</th>
<th>Small groups</th>
<th>Organisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Projected subscribership in 6 months:</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
</tr>
</tbody>
</table>

### II. PROCESSING MODE
- **Computerized:** Yes
- **Mgr./Model:** Termatra
- **Program language:** Yes
- **Punched card equipment only:** Yes
- **Primarily manual:** No

### III. CITATION INPUT
- **In-house documents:** Yes
- **Selected external documents:** Yes
- **External tape:** Yes
- **Other (user comment block below):** Yes

<table>
<thead>
<tr>
<th>Total number of citations per month:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - 400</td>
</tr>
</tbody>
</table>

### IV. TYPES OF DOCUMENTS
- **Reports:** 59.9%
- **Journal articles:** 5%
- **Trade magazines:** 1%
- **Patents:** 1%
- **Other:** 0%

### V. INDEXING OF CITATIONS
- **Thesaurus - 0%**
- **Weights:** Yes
- **Free terms:** Yes
- **Words in title:** Yes
- **Automatic text analysis:** Yes
- **Other:**

<table>
<thead>
<tr>
<th>Avg. no. terms per document:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Indexed in-house:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

### VI. INDEXING OF PROFILES
- **Done by subscriber:** Modified
- **Done by professional indexer:** Yes

<table>
<thead>
<tr>
<th>Average no. terms per profile:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

### VII. MATCHING TECHNIQUE
- **Boolean Logic:** Yes
- **Single term match:** Yes
- **Weights & Hit level:** Yes
- **Other:**

<table>
<thead>
<tr>
<th>Average no. retrievals/user/run:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Run frequency:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs:** Yes
- **Computer printout (paper):** Yes
- **Reproduced abstracts:** Yes
- **Reproduced documents:** Yes
- **Other:**

### IX. SUBSCRIBER FEEDBACK
- **Questionnaire:** Yes
- **Telephone interviews:** No
- **User evaluation of each citation:** Yes
- **Orders for documents:** Yes
- **Other:**

<table>
<thead>
<tr>
<th>Do you provide copies of documents on request?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Average frequency of updating:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 months.</td>
</tr>
</tbody>
</table>

### X. PROFILE UPDATING
- **By subscriber:** Yes
- **By indexer:** Yes
- **Automatic, by subscriber feedback to computer:** Yes
- **Other:**

<table>
<thead>
<tr>
<th>Avg. frequency of updating:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 months.</td>
</tr>
</tbody>
</table>

Identify the publication that gives the most complete description of current or planned system:

**"A Central Information Retrieval System"**  
**Published:** J. Chem. Doc., 1964  
**Reprint available from:** respondent: Yes

**COMMENTS (Continue on page 2)**

Special Interest Group on SDI, American Society for Information Science
### SDI System Fact Sheet

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. P. Swann</td>
<td>Alberta Information Retrieval Assoc., The Mall, Campus Towers, 8625 - 112th Street, Edmonton 61, Alberta, Canada.</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation:</td>
<td>Computer:</td>
<td>Inhouse documents:</td>
<td>Reports:</td>
<td>Thesaurus:</td>
<td>Done by subscriber:</td>
<td>Boolean Logic:</td>
<td>Cards with machine-readable stubs:</td>
</tr>
<tr>
<td>Pilot Operation</td>
<td>Mfr./Model: IBM 360 6* Program language: PL/1</td>
<td>Selected external documents:</td>
<td>Journal articles: 100%</td>
<td>Free terms:</td>
<td>Done by professional indexer</td>
<td></td>
<td>Computer printout (paper):</td>
</tr>
<tr>
<td>Planning stage:</td>
<td></td>
<td>External tabs:</td>
<td>Trade magazines:</td>
<td>Words in title:</td>
<td>Using:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Present no. of subscribers: 77</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individuals &amp; Small groups</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisations</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Projected subscription in 6 months:</td>
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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>Total number of citations per month:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Avg. no. terms per document:</td>
<td>Avg. no. terms per profile:</td>
<td></td>
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<td>15?</td>
<td>6.6</td>
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</tr>
<tr>
<td>Indexed in-house?</td>
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<tr>
<td>VII. MATCHING TECHNIQUE</td>
<td>VIII. FORM OF ANNOUNCEMENT</td>
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</tr>
<tr>
<td>Boolean Logic:</td>
<td>Cards with machine-readable stubs:</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Single term match:</td>
<td>Computer printout (paper):</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Most terms:</td>
<td>Reproduced abstracts:</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Percent match:</td>
<td>Reproduced documents:</td>
<td></td>
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<tr>
<td>Other:</td>
<td>Other:</td>
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</tr>
<tr>
<td>Avg. no retrievals/user/run:</td>
<td>Varies with question:</td>
<td></td>
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<td>from 0 to 100.</td>
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</tr>
<tr>
<td>Run frequency:</td>
<td>26 p.a.</td>
<td></td>
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<td></td>
<td>an average meaningless</td>
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<td></td>
</tr>
</tbody>
</table>

IX. SUBSCRIBER FEEDBACK (inadequate)

<table>
<thead>
<tr>
<th>Questionnaire</th>
<th>Interviews</th>
<th>User evaluation of each citation</th>
<th>Orders for documents</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Do you provide copies of documents on request?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Avg. frequency of updating: no record</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Identify the publication that gives the most complete description of current or planned system:

Computer Search of Chemical Titles at the University of Alberta
Reprint available from respondent.

COMMENTS (Continued on page 13)

The University of Alberta contributes the use of its computer and programming support to the Association, which in turn offers an SDI service to Canadian Scientists. The Association's resources are currently small and this service is therefore not operated on a large scale at present. The Association was the first organization in Canada.
COMMENTS (continued)

to offer computer searches of the technical literature to the scientific community generally, through its participation in the CAS 'Experiment in the Selective Dissemination of Information', 1967-68.

The launching of a program of literature searches by the National Research Council of Canada has recently been announced. AIRA is currently negotiating with NRC how the two bodies may best cooperate to develop effective services without unnecessary duplication of effort.

FUTURE PLANS

AIRA is also currently negotiating with the University of Calgary for the development of similar services based on data bases available from Engineering Index.

Other data bases are also under consideration as the basis for the development of improved alerting services. The Association is also keen to assist its members and participants to take advantage of services offered by others, and tries to make the availability of such services known to them.

If cost data on system is available, please check here. X
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. S. Hitchcock</td>
<td>Technical Information Service, Allied Chemical Corp, 500 Box 3002, Morris Township, N.J. 07960</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers:
- Individuals
- Small groups
- Organisations

Projected subscribership in 6 months:

**II. PROCESSING MODE**
- Computer
  - Mfr./Model: IBM 360 (360)
  - Program language:
    - Punch card equipment only
    - Primarily manual

**III. CITATION INPUT**
- In-house documents
  - Selected external documents
  - External tape
    - From:
    - Other (use comment block below)

Total number of citations per month:

**IV. TYPES OF DOCUMENTS**
- Reports
  - %
- Journal articles
  - %
- Trade magazines
  - %
- Patents
  - %
- Other
  - %

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document:

Indexed in-house?

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile:

**VII. MATCHING TECHNIQUE**
- Boolean Logic
  - Negation
- Single term match
- Weight & hit level
- Percent match
- Other:

Avg. no. retrievals/user/run:

Run frequency:

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request?

**X. PROFILE UPDATING**
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating:

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

**COMMENTS (Continue on page 2)**

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>American Cyanamid Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joan L. Gallagher</td>
<td>Organic Chemicals Division</td>
</tr>
<tr>
<td>Phone</td>
<td>Bound Brook, N. J. 08803</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 70

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
  - From: Chemical Abstracts Service

Total number of citations per month: **App. 1000**

IV. TYPES OF DOCUMENTS
- Reports
- Journal articles **100%**
- Trade magazines
- Patents
- Other

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connecters
- Roles
- Truncation
- Links
- Other

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

**II. PROCESSING MODE**
- Computer
  - Migr./Mod.: IBM 360/40
  - Program language: COBOL, BAL

- Punches card equipment only
- Primarily manual

**III. CITATION INPUT**
- Ba-house documents
- Selected external documents
- External tape
  - From: Chemical Abstracts Service

Total number of citations per month: **App. 1000**

**V. INDEXING OF CITATIONS**
- Thesaurus
- Weights
- Free terms
- Roles
- Words in title
- Links
- Automatic text analysis
- Other

Avg. no. terms per document: **Full Abstract**

Indexed in-house: **No**

VII. MATCHING TECHNIQUE
- Single term match
- Weights & hit level
- Other

Avg. no. retrievals/user/run: 20

**IX. SUBSCRIBER FEEDBACK**
- Questionnaires
- Interviews
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request? Yes

Avg. frequency of updating: **Bi-Monthly**

Please attach sample

COMMENTS (Continue on page 2)
Above information describes an SDI system based on Basic Journal Abstracts (BJA). This is a tape service of Chemical Abstracts consisting of abstracts of articles from 35 journals in the general chemical field. This SDI system has been in operation for about 2½ years. A new system, based on Chemical Abstracts Condensate Tapes, has recently been put into operation. Present plans include evaluation of both systems.

Special Interest Group on SDI, American Society for Information Science
<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Betty Guttman</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation &amp; Address</td>
<td>Library Services Dept., Argonne National Laboratory, 9900 S. Cass Ave, Argonne, Illinois 60439</td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- **Operational**
- **Pilot operation**
- **Planning stage**
- **Present no. of subscribers:** ~ 25
- **Individuals:** Yes
- **Small groups:** No
- **Organisations:** No
- **Projected subscribership in 6 months:** ~ 50

### II. PROCESSING MODE
- **Computer:** IBM 360/75
- **Mfg./Model:** IBM 360/75
- **Program language:** A4
- **Punched card equipment only:** Yes
- **Primarily manual:** No

### III. CITATION INPUT
- **In-house documents**
- **Selected external documents**
- **External tape**
  - **From:** Chemical Abstracts Service
- **Other**
  - **(use comment block below)**
  - **Total number of citations per month:** 2000

### IV. TYPES OF DOCUMENTS
- **Reports:** 10%
- **Journal articles:** 39%
- **Trade magazines:** 5%
- **Patents:** 3%
- **Other:** 9%

### V. INDEXING OF CITATIONS
- **Thesaurus:** Yes
- **Weights:** Yes
- **Free terms:** Yes
- **Rolled:** No
- **Words in title:** Yes
- **Automatic text analysis:** No
- **Other:**
  - **Avg. no. terms per document:** ~ 9
  - **Indexed in-house?** Yes

### VI. INDEXING OF PROFILES
- **Thesaurus:** Yes
- **Weights:** Yes
- **Free terms:** Yes
- **Rolled:** No
- **Words in title:** Yes
- **Automatic text analysis:** No
- **Other:**
  - **Avg. no. terms per profile:** 35
  - **(range: 1-29)**

### VII. MATCHING TECHNIQUE
- **Boolean Logic:** Yes
- **Single term match:** No
- **Must terms:** Yes
- **Percent match:** No
- **Other:**
  - **Avg. no retrievals/user/run:** 50
  - **Run frequency:** Weekly

### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs:** Yes
- **Computer printout (paper):** Yes
- **Reproduced abstracts:** Yes
- **Reproduced documents:** No
- **Other:**
  - **P. I. E. S. E.**
  - **ATTACH SAMPLE**

### IX. SUBSCRIBER FEEDBACK
- **Questionnaire:** Yes
- **Interviews:** Yes
- **User evaluation of each citation:** Yes
- **Orders for documents:** Yes
- **Other:**
  - **Do you provide copies of documents on request?** No

### X. PROFILE UPDATING
- **By subscriber:** Yes
- **By indexer:** Yes
- **Automatic, by subscriber feedback to computer:** Yes
- **Other:** No
  - **Avg. frequency of updating:** Monthly

Identify the publication that gives the most complete description of current or planned system:

**Chemical Abstracts announcements**

Reprint available from respondent? No

---

**COMMENTS** (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERALD W. BEVERIDGE</td>
<td>U. S. Army Biological Labs., Fort Detrick</td>
<td>☑</td>
</tr>
<tr>
<td>Phone</td>
<td>ATTN: Technical Information Division</td>
<td></td>
</tr>
<tr>
<td>Area 301-663-4111,X 5102</td>
<td>Frederick, Maryland 21701</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
<th>Burroughs 5500</th>
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</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer</td>
<td>Mgr./Model CDC 3150</td>
</tr>
<tr>
<td>Planning stage</td>
<td></td>
<td>Program language</td>
</tr>
</tbody>
</table>

Present no. of subscribers: 70

Projected subscribership in 6 months: 100

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>Reports 35%</td>
</tr>
<tr>
<td>Selected external documents</td>
<td>Journal articles 65%</td>
</tr>
<tr>
<td>External tape</td>
<td>Trade magazines</td>
</tr>
<tr>
<td></td>
<td>Patents</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

Total number of citations per month: 12,000

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesaurus</td>
<td>Done by subscriber</td>
</tr>
<tr>
<td>Free terms</td>
<td>Done by professional indexer</td>
</tr>
<tr>
<td>Words in title</td>
<td>Using</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>Weight</td>
</tr>
<tr>
<td>Other</td>
<td>Logical connectors</td>
</tr>
</tbody>
</table>

Avg. no. terms per document: 8

Avg. no. terms per profile: 15

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Must terms</td>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td>Weight &amp; his level</td>
<td>Reproduced documents</td>
</tr>
<tr>
<td>Percent match</td>
<td>Other:</td>
</tr>
</tbody>
</table>

Avg. no retrievals/user/run: 35

IX. SUBSCRIBER FEEDBACK:

Questionnaire

Interviews

User evaluation of each citation

Orders for documents

Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: 6 mo.

Identify the publication that gives the most complete description of current or planned system:

To be published June 1969

Reprint available from respondent?

COMMENTS (Continue on page 2)
Name of Respondent: Edward Houseman  
Organisation & Address: U.S. Army Electronics Command  
Attn: AMSBL-TD-T1 (Hexagon)  
Fort Monmouth, N.J. 07703

I. STAT IS OF SYSTEM  
<table>
<thead>
<tr>
<th>Operational</th>
<th>Pilot operation</th>
<th>Planning stage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>75%</td>
<td></td>
</tr>
</tbody>
</table>

Present no. of subscribers: 750  
Projected subscribers in 6 months: 900

III. CITATION INPUT  
<table>
<thead>
<tr>
<th>In-house documents</th>
<th>Selected external documents</th>
<th>External tape</th>
<th>Other: Defense Documentation Center</th>
</tr>
</thead>
</table>

Total number of citations per month: About 4,000

V. INDEXING OF CITATIONS  
<table>
<thead>
<tr>
<th>Theaurus</th>
<th>Free terms</th>
<th>Words in title</th>
<th>Automatic text analysis</th>
<th>Other: COSATI field/groups</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

Avg. no. terms per document: 10-15  
Indexed in-house: No

VII. MATCHING TECHNIQUE  
<table>
<thead>
<tr>
<th>Boolean Logic</th>
<th>Single term match</th>
<th>Must terms</th>
<th>Percent match</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Avg. no retrievals/user: 23  
Run frequency: Semi-monthly

IX. SUBSCRIBER FEEDBACK  
<table>
<thead>
<tr>
<th>Questionnaire</th>
<th>Interviews</th>
<th>User evaluation of each citation</th>
<th>Orders for documents</th>
<th>Other: Computer generates semi-annual profile revised for each user</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING  
<table>
<thead>
<tr>
<th>By subscriber</th>
<th>By index</th>
<th>By PLY (FYLFY)</th>
<th>Automatic, by subscriber feedback to computer</th>
<th>Other: See comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Avg. frequency of updating: Semi-annual

Identify the publication that gives the most complete description of current or planned system:  

Reprint available from respondent? Yes

COMMENTS (Continue on page 2) Every 6 months, computer generates an annotated interest profile report for each subscriber. The listing indicates number of referrals and orders on each term or Boolean statement. At that time subscriber is asked to update his profile.

FUTURE PLANS: To expand citation input to include other tapes, NASA, Engineering Index, and 161 tapes are under study. Will be Army-wide system.  
Cost data is available.
### NAME OF RESPONDENT
Nancy Michelson, Librarian

### ORGANISATION & ADDRESS
RACO Everett Research Lab.
2395 Revere Beach Parkway
Everett, Mass. 02149

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

#### Present no. of subscribers:
- 150
- Small groups
- Organizations

#### Projected subscription in 6 months:

### II. PROCESSING MODE
- Computer
- Migr./Model

#### Program language:
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape

#### From:
- NASA
- Other (use comment block below)

#### Total number of citations per month:
500-600

### IV. TYPES OF DOCUMENTS
- Reports 70.5%
- Journal articles 25%
- Trade magazines
- Patents 2%
- Other 2%

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

#### Avg. no. terms per document:
1-9

#### Indexed in-house?
Yes

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

#### Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links

#### Other:
Manual

#### Avg. no. terms per profile:

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Individual & hit level

#### Other:

#### Avg. no. retrievals/user/run:
50

#### Run frequency:
Monthly

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents

- Other:

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents

#### Other:

#### Do you provide copies of documents on request?
Yes

#### Avg. frequency of updating:
1-2 years

#### Identify the publication that gives the most complete description of current or planned system:

### COMMENTS

NASA supplies tapes monthly. The tapes are put on the computer to print bibliographies on specific subjects which are defined according to the NASA thesaurus. The bibliographies are distributed to individuals who request them. An individual requesting a bibliography on any subject covered on the tapes can have a search done on the computer.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
</table>
| Miss. J. Gorasick    | Bell Telephone Laboratories  
16-233  
New York 7974    | X                                      |

**Phone**
201.582-6506

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Operational</td>
<td>□ Computer</td>
</tr>
<tr>
<td>□ Pilot operation</td>
<td>□ Mfr./Model GE 645</td>
</tr>
<tr>
<td>□ Planning stage</td>
<td>□ Comp/Interrotate</td>
</tr>
</tbody>
</table>

Present angle of subscribers:

- Individuals: 1235
- Small groups: 25
- Organizations: 12

Projected subscribership in 6 months: 2000

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ In-house documents</td>
<td>□ Reports</td>
</tr>
<tr>
<td>□ Selected external documents</td>
<td>□ Journal articles</td>
</tr>
<tr>
<td>□ External tape</td>
<td>□ Trade magazines</td>
</tr>
<tr>
<td>□ Other (use comment block below)</td>
<td>□ Other</td>
</tr>
</tbody>
</table>

Total number of citations per month: 25,000

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Theaurus</td>
<td>□ Done by subscriber</td>
</tr>
<tr>
<td>□ Free terms</td>
<td>□ Done by professional indexer</td>
</tr>
<tr>
<td>□ Words in title</td>
<td>□ Using</td>
</tr>
<tr>
<td>□ A/D Automatic text analysis</td>
<td>□ Weights</td>
</tr>
<tr>
<td>□ Other: All comments</td>
<td>□ Logico connectors</td>
</tr>
<tr>
<td><strong>NOTE:</strong> Input is author indexed by author. Avg. no. terms per profile: 3</td>
<td></td>
</tr>
<tr>
<td>Avg. no. terms per document: 2</td>
<td></td>
</tr>
</tbody>
</table>

Avg. no. retrievals/user/run: 3

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Boolean Logic</td>
<td>□ Cards with machine-readable stubs</td>
</tr>
<tr>
<td>□ Single term match</td>
<td>□ Computed printout (paper)</td>
</tr>
<tr>
<td>□ Weights &amp; hit level</td>
<td>□ Reprinted abstracts</td>
</tr>
<tr>
<td>□ Must terms</td>
<td>□ Reproduced documents</td>
</tr>
<tr>
<td>□ Percent match</td>
<td>□ Other mailing labels</td>
</tr>
<tr>
<td>□ Other: X</td>
<td>□ Other</td>
</tr>
</tbody>
</table>

Avg. no. retrievals/user/run: 3

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Questionnaire</td>
<td>□ By subscriber</td>
</tr>
<tr>
<td>□ Interviews</td>
<td>□ Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>□ User evaluation of each citation</td>
<td>□ Other</td>
</tr>
<tr>
<td>□ Orders for documents</td>
<td></td>
</tr>
<tr>
<td>□ Other: Comments from users</td>
<td></td>
</tr>
</tbody>
</table>

Do you provide copies of documents on request? X

 Avg. frequency of updating: 1/year

**Identify the publication that gives the most complete description of current or planned system:**

"**MERCURY**: A System for the Computer Aided Distribution of Technical Reports". Brown, W. E., Trumb, J. F.  
(Comm. 161)  
Reprint available from respondent.

**COMMENTS** (Continue on page 2)

1. Re: Indexing of documents and profiles:

   In addition to thesaurus subjects, these are permitted as term entries:
   a. Author or user name
   b. Author or user organization
   c. Internal use number of project.

Special Interest Group on SDI, American Society for Information Science

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COMMENTS (continued)

3. Run frequency:
   the system is initiated by authors and produces a run every time authors request
   that memoranda be distributed.
   Average retrievals/user:
   Approximately one-third of the
   documents processed by the system
   are relevant to any particular user.

4. Publications:
   also: "The Future of Scientific Journals".
   Brown, W.S., Pierce, J.R., Traub, J.F. SCIENCE 150
   (Dec. 1, 1965) 1153-1159.
   These reports describe the old version of the
   system. A paper will be prepared on our work.

FUTURE PLANS

1. Addition of approximately 15 more
   resource areas to the current system.

2. Development of an SDF system to
   serve the outside literature which
   will strongly resemble the current
   system.

If cost data on system is available, please check here.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Val S. Lava</td>
<td>Bonneville Power Administration</td>
<td>X</td>
</tr>
<tr>
<td>Phone</td>
<td>Attn: Val S. Lava, MAL</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>P. O. Box 2681</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Portland, Oregon 97208</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer</td>
</tr>
<tr>
<td>Planning stage</td>
<td>IBM 1401-BK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Present no. of subscribers:</th>
<th>Program language</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ENGRC/600 PROF.</td>
<td>Punched card equipment only</td>
</tr>
<tr>
<td>Individuals</td>
<td>Small groups</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>Reports</td>
</tr>
<tr>
<td>External tape</td>
<td>Journal articles</td>
</tr>
<tr>
<td>Other (use comment block below)</td>
<td>Trade magazines</td>
</tr>
</tbody>
</table>

Total number of citations per month: 400

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesaurus</td>
<td>Done by subscriber</td>
</tr>
<tr>
<td>Free terms</td>
<td>Done by professional indexer</td>
</tr>
<tr>
<td>Words in title</td>
<td>Using:</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>X</td>
</tr>
<tr>
<td>Other:</td>
<td>Logical connectors</td>
</tr>
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</table>

Avg. no. terms per document:

<table>
<thead>
<tr>
<th>Indexing in-house:</th>
<th>Avg. no. terms per profile:</th>
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<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Must terms</td>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td>Weights &amp; hit level</td>
<td>Reproduced documents</td>
</tr>
<tr>
<td>Other:</td>
<td>Other:</td>
</tr>
</tbody>
</table>

Avg. no retrievals/user/run:

<table>
<thead>
<tr>
<th>Run frequency:</th>
<th>PLEASE ATTACH SAMPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly</td>
<td>SEE SAMPLES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
<td>By subscriber</td>
</tr>
<tr>
<td>Interviews</td>
<td>By indexer</td>
</tr>
<tr>
<td>User evaluation of each citation</td>
<td>Automatic, by subscriber feedback</td>
</tr>
<tr>
<td>Orders for documents</td>
<td>to computer</td>
</tr>
<tr>
<td>Other:</td>
<td>Other:</td>
</tr>
</tbody>
</table>

Do you provide copies of documents on request? YES

<table>
<thead>
<tr>
<th>Avg. frequency of updating:</th>
<th>COMMENTS (Continue on page 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rare</td>
<td>This system has been in operation for almost 3 years with excellent results. One subject-specialist controls the input-output to the computer. Additional help is needed for providing hard copies of requested material. The circulation and utilization of published articles and other announced material quadrupled. FUTURE PLANS: Uncertain. We would like to see this system become a part of nation-wide SDI systems.</td>
</tr>
</tbody>
</table>

Special Interest Group on SDI, American Society for Information Science

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Name of Respondent: STACEY, DIVISION OF BRO-DART, INC. 1509 MEMORIAL AVENUE WILLIAMSPORT, PA. 17701

I. STATUS OF SYSTEM
   - Operational
   - Pilot operation
   - Planning stage

   Present no. of subscribers:
   - Individuals
   - Small groups
   - Organisations

   Projected subscribership in 6 months:

   Operational Pilot operation Planning stage

II. PROCESSING MODE
   - Computer
     - Mfrs./Model: 360/30
   - Mfrs./Model: CUBOL
     - Program language:

   - Punched card equipment only
   - Primarily manual

III. CITATION INPUT
   - In-house documents
   - Selected external documents
   - External tape

   From:
   - Other (use comment block below)

   Total number of citations per month: 2000

IV. TYPES OF DOCUMENTS
   - Reports
   - Journal articles
   - Trade magazines
   - Patents
   - Other

   100% BOOKS

   Major broad subject areas: ALL-SEE THESARUS

V. INDEXING OF CITATIONS
   - Thesaurus
   - Free terms
   - Words in title
   - Automatic text analysis
   - Other

   Avg. no. terms per document:
   - Indexed in-house? YES

   Avg. no. terms per profile:

   VI. INDEXING OF PROFILES
   - Done by subscriber
   - Done by professional indexer

   Using:
   - Weights
   - Logical connectors
   - Roles
   - Truncation
   - Links
   - Other

   Avg. no. terms per profile:

   VII. MATCHING TECHNIQUE
   - Boolean Logic
   - Single term match
   - Weights & hit level
   - Other

   Avg. no. retrievals/user/run:
   - Run frequency:

   VIII. FORM OF ANNOUNCEMENT
   - Cards with machine-readable stubs
   - Computer printout (paper)
   - Reproduced abstracts
   - Reproduced documents
   - Other

   PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
   - Questionnaire
   - Interviews
   - User evaluation of each citation
   - Orders for documents
   - Other

   Do you provide copies on request?
   - YES
   - NO

   STATISTICAL REPORT

   X. PROFILE UPDATING
   - By subscriber
   - By indexer
   - Automatic, by subscriber feedback to computer
   - Other

   Avg. frequency of updating: AS REQUESTED

Identify the publication that gives the most complete description of current or planned system:

SEE BROCHURES ENCLOSED

Reprint available from respondent?

COMMENTS (Continue on page 2)

SEE ATTACHED LETTER (over)

Special Interest Group on SDI, American Society for Information Science
Thank you for your letter of February 19th. Bro-Dart is indeed running a computer system at this time which in effect is an SDI system. The Books-Coming-Into-Print system however is somewhat unusual in that it was developed in the context of a blanket approval program for books. This means that rather than simply sending information on selected items, we are sending the items themselves based on the library profile.

I am enclosing for your reference the three brochures which outline the basic system, the Thesaurus and other term specifications, and the manual of operations. While I am sure this is too bulky to include in your compilation, I will be glad to send copies of these to anyone receiving your list who is interested.

Since this system is the heart of a commercial activity, we have necessarily omitted certain statistical information on your report. However, I can say that we have been extremely pleased with the reception given the BCIP system, since it provides user libraries with the ability to receive a large number of books without individual ordering, while retaining the precise selection and individual control which previously only characterized manual book-order systems.

BCIP is unique in that it provides automatic shipment of items to libraries, but provides prior to that shipment an individual card which may be used to modify shipment instructions. A sample of this Advance Notice Card is enclosed. The Advance Notice Card allows the library to place multiple-copy orders prior to publication, to cancel unwanted items, and in general to review the profile before automatic shipment is made.

As you can see from the enclosed brochures, we are covering all English language book publications with the BCIP program at this time. Future plans, both in terms of coverage and in terms of types of service offered, are under consideration but are not ready for distribution at this time. We would, of course, welcome suggestions and comments from any of the people in SIG/SDI. Thanks for your interest.

If cost data on system is available, please check here.
<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>John J. Marcink</td>
<td>Celanese Research Co.</td>
<td></td>
</tr>
<tr>
<td>Phone: 773-6600 EIT 511</td>
<td>Summit N.J. 07901</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 130
- Individuals  
- Small groups  
- Organisations

Projected subscribership in 6 months:

**II. PROCESSING MODE**
- Computer
- Micro-Model

Program language:
- Punched card equipment only
- Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape

From:
- Other (use comment block below)

Total number of citations per month: 725

**IV. TYPES OF DOCUMENTS**
- Reports 55%
- Technical journal articles 45%
- Trade magazines 3%
- Patents 8%
- Other 1%

Major broad subject area: Chemistry, Fibers, Polymers - Coatings - Plastics

**V. INDEXING OF CITATIONS**
- Descriptors
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. entries per document: ______

Indexed in-house: ______

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Rules
- Links
- Other:

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Percent match
- Other:

Avg. no. retrievals/user/run: ______

Run frequency: ______

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Continuously

Identify the publication that gives the most complete description of current or planned system:

**COMMENTS** (Continue on page 2)

System is manual - Profiles updated by punched cards.
1) Formal Profile questionnaire sent out at beginning of each year.
2) SDI meetings with each sector head to determine extent of SDI.
COMMENTS (continued)

3) Technical literature staff attends 6 times per year review meetings.

4) Interim main section of DOD notice used for feedback
   (ratings and profile changes)

Date Base:
1) 600 journals per month
2) 33,000 current databases per month
3) Current contents
4) Patent Abstracts (Official Gazette and Domestic Reports)
   approximately 6,000 deemed for each 33,000 per month.

During 1968 (open literature only)

- 9000 Notices disseminated
- 1400 References and Abstracts
- 24% retrieval based on usage rating 74%

Last quarter of 1968 saw a rise in notices disseminated.
Presently we are averaging about 10,000 and 1500
per month for open literature alone. Patent area
has not been tabulated for yet.

26 broad subject areas reflect 84.3% of all notices disseminated
in 1967 and 71.7% of all references in 1967.

FUTURE PLANS

Presently we are in development. Eventually
we will be computerized. However no projection
or made of these items.

In addition each notice is entered in subject fields for
specific searching.

Also Canary yellow paper is used for the notice. Attention getting since Sample
attached.

If cost data on system is available, please check here.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses. (You may check even if you don’t complete form.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.E.O. Dette</td>
<td>Chemical Abstract Service University Post Office Columbus, Ohio 43210</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>614-293-5022</td>
<td></td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
- Present no. of subscribers:
  - Individual
  - Small group
  - Organisation
- Projected subscription in 6 months:

### II. PROCESSING MODE
- Computer
  - Model/Model
  - Punch card equipment only
  - Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From:

### IV. TYPES OF DOCUMENTS
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic term analysis
- Other:

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

### VII. MATCHING TECHNIQUE
- Boolean Logic
  - Single term match
  - Must terms
  - Weights & hit level
  - Percent match
- Other:

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: profile change

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

### Comments (Continue on page 2)
- CAS produces seven magnetic tape data bases with search programs designed to permit SDI by subscribers. Some searching may be done at CAS. Several information centers may now offering SDI to public using CAS data bases. A microfilm file of House Reports and Abstracts may be integrated with the SDI.

Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

Chemical Abstracts Service has operated computer-based SDI since about 1965 when users could subscribe to a search service conducted on our Columbus computers according to subscriber profiles which we helped refine. Two different tape data bases were available.

Today, while we still will search for subscribers who do not have computers or who do not wish to use their computers for some reason, we encourage such users to work with one of the several information centers that we permit to use our data bases in this manner.

We are perhaps not an SDI service in the sense implied in the survey form, but I think the kind of thing we do and the scale on which it is done should be of interest to people interested in SDI.

I presume you know about the survey done by Jonker Business Machines for, I believe, AFOSR.

FUTURE PLANS

If cost data on system is available, please check here. (catalog)
The Clearinghouse does not currently have an SDI system in the conventional sense. A new announcement service, Clearinghouse Announcements in Science and Technology, is a selective announcement medium which is similar in some respects to an SDI system. No individual user profiles are maintained, although user

**Syst. Interest Group on SDI, American Society for Information Science**
COMMENTS (continued)

reaction to the service is considered in modifying the subject category scheme. Announcements are issued in 46 pre-defined subject areas. Announcements are mailed twice a month and range from 0 documents to 60 documents announced per semi-monthly period per category. In a typical subject category 25 documents are announced per period. At the present time this announcement product has approximately 4,000 subscribers who each pay $5.00 per year for the first category of interest and an additional $5.00 for every two additional categories of interest. The average subscriber orders 5 subject categories.

All of the reports entering the Clearinghouse system, approximately 30,000 Government research and development reports annually, are announced in the Clearinghouse Announcements in Science and Technology. Some reports are cross-referenced to several of the 46 subject categories.

The product is produced as a by-product of the production of the Clearinghouse abstract journal, U.S. Government Research and Development Reports. Machineable document records are sorted on a UNIVAC 1107 computer and formatted on an IBM 360/40 for photocomposition on the Government Printing Office's Linotron machine. Printing of the announcements is done at the field printing plant in the Clearinghouse.

Future plans for this service include expanding the number of subject categories to provide smaller and more selective announcements to Clearinghouse users.

FUTURE PLANS

The Clearinghouse has no present plans to implement a conventional SDI system.

If cost data on system is available, please check here. _____
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>MELDARS</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PATRICIA PANNIER</td>
<td>MEDLARS</td>
<td>UNIV. OF COLORADO MEDICAL CENTER LIBRARY</td>
<td>☑</td>
</tr>
<tr>
<td>Phone</td>
<td>303-394-7501</td>
<td>9200 E. NINTH AVE. DENVER, CO 80220</td>
<td>☑</td>
</tr>
</tbody>
</table>

I. STATUS OF SYSTEM
- Operational
- P11 operation
- Planning stage
- Present no. of subscribers: 17
  - Individuals
  - Small groups
  - Organizations
Projected subscription in 6 months: Same

II. PROCESSING MODE
- Computer
  - Mgr./Model: HDSWELL 800-200
  - Program language: ARLUE
- Punched card equipment only
- Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tapes
  - From: NATIONAL LIBRARY OF MEDICINE
  - Other (use comment block below)
Total number of citations per month: 17,000

IV. TYPES OF DOCUMENTS
- Reports: 100%
- Journal articles: 100%
- Trade magazines: 5%
- Patents: 5%
- Other: 5%

Major broad subject area: Biomedicine

V. INDEXING OF CITATIONS
- In-house:
  - Thesaurus
  - Free terms
  - Words in title
  - Automatic text analysis
  - Other:
  - Avg. no. terms per document: 10
  - Indexed in-house: (HLA)

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional

Using:
- Weights
- Logical connectors
- Truncation
- Links
- Other:

Avg. no. terms per profile: 50

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Must terms
- Percent match
- Other:
  - User frequency: once a month

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout
- Reproduced abstracts
- Reproduced documents
- Other:
  - Please attach sample

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: personal interaction

Do you provide copies of documents on request? Directly

Avg. frequency of updating: once a year

Identify the publication that gives the most complete description of current or planned system:

**There is none**

COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science

32
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. G. CHERRY</td>
<td>U.K. ATOMIC ENERGY AUTHORITY CULHAM LABORATORY ABINGDON BERKSHIRE ENGLAND</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 200

<table>
<thead>
<tr>
<th>Individual</th>
<th>Small groups</th>
<th>Organizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Projected subscription in 6 months: SAME

**II. PROCESSING MODE**

- Computer
- I.C.L. (ENGLISH ELECTRIC)
- Program language FORTRAN

- Punched card equipment only
- Primarily manual

**III. CITATION INPUT**

- In-house documents
- Selected external documents
- External tapes

- Other (use comments block below)

Total number of citations per month: 500

**IV. TYPES OF DOCUMENTS**

- Reports 35%
- Journal articles 65%
- Trade magazines
- Patents
- Other

Major broad subject area: PHYSICS (PLASMA PHYSICS)

**V. INDEXING OF CITATIONS**

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis

- Other

Indexed in-house? Yes

Avg. no. terms per document: 10

**VI. INDEXING OF PROFILES**

- Done by subscriber
- Done by professional indexer

Using:

- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other

Avg. no. terms per profile: 15

**VII. MATCHING TECHNIQUE**

- Boolean Logic
- Negation
- Single term match
- Must terms
- Weights & hit level
- Percent match

- Other

Avg. no. retrievals/user/run: 5

**VIII. FORM OF ANNOUNCEMENT**

- Cards with machine-readable stub
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents

**IX. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interviews
- User evaluation of each citation

- Orders for documents

- Other

Do you provide copies of documents on request? Yes

TO IN-HOUSE SUBSCRIBERS

**X. PROFILE UPDATING**

- By subscriber
- By indexer
- Automatic, by subscriber feedback

- To computer

- Other

Avg. frequency of updating: 3 - 6 MONTHS

**COMMENTS** (Continue on page 2)

System became operational April 1966. It serves about 100 in-house subscribers and 100 subscribers external to the Laboratory in laboratories throughout the world. The external users have been supplied with the service free of charge on an experimental basis, but it is hoped to run this on a commercial basis in the near future. FUTURE PLANS: On-line profiles with modification and update by users. Cost data is available.

Special Interest Group on SDI, American Society for Information Science
### I. STATUS OF SYSTEM

- **Operational**
- **Planning stage**

Present no. of subscribers: 60

Individuals: 60

Small groups: 0

Organisations: 0

Projected subscriberhip in 6 months:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### II. PROCESSING MODE

- **Computer**
  - Mfg./Model: 360/50 IBM
  - Program language

- **Punched card equipment only**
- **Primarily manual**

### III. CITATION INPUT

- In-house documents
- Selected external documents
- External tape
  - From: CAS and EI
- Other (use comment block below)

Total number of citations per month: 1500

### IV. TYPES OF DOCUMENTS

- **Reports**
- **Journal articles** 100%
- **Trade magazines**
- **Patents**
- **Other**

**Chemistry**

Major broad subject area: **Electronic**

### V. INDEXING CITATIONS

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: 20

Index in-house?

### VI. INDEXING OF PROFILES

- **Done by subscriber**
- **Done by professional indexer**

Using:

- **Weights**
- **Logical connectors**
- **Truncation**
- **Links**
- **Other**

Avg. no. terms per profile: 20

### VII. MATCHING TECHNIQUE

- **Boolean Logic**
- **Single term match**
- **Weights & hit level**
- **Other**

Avg. no. retrievals/user/run:

Run frequency: **every two weeks**

### VIII. FORM OF ANNOUNCEMENT

- **Cards with machine-readable stubs**
- **Computer printout (paper)**
- **Reproduced abstracts**
- **Reproduced documents**
- **Other**

### IX. SUBSCRIBER FEEDBACK

- **Questionnaire**
- **Interviews**
- **User evaluation of each citation**
- **Orders for documents**
- **Other**

Do you provide copies of documents on request? **Yes**

Avg. frequency of updating:

### X. PROFILE UPDATING

- **By subscriber**
- **By indexer**
- **Automatic, by subscriber feedback to computer**
- **Other**

### COMMENTS (Continue on page 2)

Cost data is available.

The documentation department (headed by M.Sc. Helge J. Skov) are operating two full systems, but plan to have other SDI-services as soon as available.

A new IBM 360/65 is to be used in the fall.

Special Interest Group on SDI, American Society for Information Science
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. M. McCollough</td>
<td>Defence Documentation Center Special Products Branch Cameron Station Alexandria, Virginia 22314</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
</tr>
<tr>
<td>Pilot operation</td>
</tr>
<tr>
<td>Planning stage</td>
</tr>
<tr>
<td>Present no. of subscribers: 23</td>
</tr>
<tr>
<td>Individuals</td>
</tr>
<tr>
<td>Small groups</td>
</tr>
<tr>
<td>Organisations</td>
</tr>
<tr>
<td>Projected subscribership in 5 months: 23</td>
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</table>

<table>
<thead>
<tr>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer</td>
</tr>
<tr>
<td>Mgr./Model</td>
</tr>
<tr>
<td>Program language</td>
</tr>
<tr>
<td>- Military RTD</td>
</tr>
<tr>
<td>Punched card equipment only</td>
</tr>
<tr>
<td>Primarily manual</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
</tr>
<tr>
<td>Selected external documents</td>
</tr>
<tr>
<td>External tape</td>
</tr>
<tr>
<td>From:</td>
</tr>
<tr>
<td>Other (use comment block below)</td>
</tr>
<tr>
<td>Total number of citations per month:</td>
</tr>
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<table>
<thead>
<tr>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reports</td>
</tr>
<tr>
<td>Journal articles</td>
</tr>
<tr>
<td>Trade magazines</td>
</tr>
<tr>
<td>Patents</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Major broad subject area: Military RTD</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesaurus</td>
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<tr>
<td>Free terms</td>
</tr>
<tr>
<td>Words in title</td>
</tr>
<tr>
<td>Automatic text analysis</td>
</tr>
<tr>
<td>Other:</td>
</tr>
<tr>
<td>Avg. no. terms per document: 10-15</td>
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<tr>
<td>Indexed in-house: yes</td>
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<table>
<thead>
<tr>
<th>VI. INDEXING OF PROFILES</th>
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</thead>
<tbody>
<tr>
<td>Done by subscriber</td>
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<tr>
<td>Done by professional indexer</td>
</tr>
<tr>
<td>Using:</td>
</tr>
<tr>
<td>Weights</td>
</tr>
<tr>
<td>Logical connectors</td>
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<tr>
<td>Roles</td>
</tr>
<tr>
<td>Truncation</td>
</tr>
<tr>
<td>Links</td>
</tr>
<tr>
<td>Other:</td>
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<tr>
<td>Avg. no. terms per profile: 12</td>
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<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
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</thead>
<tbody>
<tr>
<td>Boolean Logic</td>
</tr>
<tr>
<td>Single term match</td>
</tr>
<tr>
<td>Negation</td>
</tr>
<tr>
<td>Most terms</td>
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<tr>
<td>Percent match</td>
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<tr>
<td>Other:</td>
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<td>Avg. no. retrievals/user/run: Semi-monthly</td>
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<tr>
<td>Run frequency:</td>
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</table>

<table>
<thead>
<tr>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td>Reproduced documents</td>
</tr>
<tr>
<td>Other:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
</tr>
<tr>
<td>Interviews</td>
</tr>
<tr>
<td>User evaluation of each citation</td>
</tr>
<tr>
<td>Orders for documents</td>
</tr>
<tr>
<td>Other:</td>
</tr>
<tr>
<td>Do you provide copies of documents on request: yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>By subscriber</td>
</tr>
<tr>
<td>By indexer</td>
</tr>
<tr>
<td>Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>Other:</td>
</tr>
<tr>
<td>Avg. frequency of updating: Once/6 months</td>
</tr>
</tbody>
</table>

Identify the publication that gives the most complete description of current or planned system:

The above information pertains to Recurring Tailored Bibliographies which primarily support the needs of the Department of Defense Information Analysis Centers. DDC acquires, processes, and stores scientific and technical reports of Defense-sponsored research, development, test and evaluation (RDT&E) efforts. At present, there are 23 users receiving 107 reports on a semimonthly basis, with a total annual issuance of 2,782 reports. Recurring Tailored Bibliographies provide selective information to certain users who presently find the Field/Group categories not selective enough for their use.

Special Interest Group on DDC, American Society for Information Science
Name of Respondent: Virginia Raynes
Phone: (213) 593-4907

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 671
- Individuals
- Small groups
- Organisations
Projected subscriberhip in 6 months:

II. PROCESSING MODE
- Computer
- Mgr./Model
- Program language
- punched card equipment only
- Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From:
- Other (use comment block below)

Total number of citations per month:

IV. TYPES OF DOCUMENTS
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area:

V. INDEXING OF CITATIONS
- Thesaurus
- Weights
- Free terms
- Roles
- Words in title
- Links
- Automatic text analysis
- Other:

Avg. no. terms per document: 10
Indexed in-houses?

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile:

VII. MATCHING TECHNIQUE
- Boolean Logic
- Negation
- Single term match
- Most terms
- Weights & hit level
- Percent match
- Other:

Avg. no retrieval/user/run:
Run frequency:
Weekly

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request?
Yes

Avg. frequency of updating:
Yearly

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science
SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marilyn T. Brown</td>
<td>Dow Chemical Company</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Midland, Mich.</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>517-436-4347</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- [ ] Operational
- [ ] Pilot operation
- [ ] Planning stage

Present no. of subscribers: 4,440
 Organisation: 0
 Projectsubscription in 6 months: 600

**II. PROCESSING MODE**

- [ ] Computer
  - Program language: BASIC
  - System: Burroughs 5600

- [ ] Punch card equipment only
- [ ] Primarily manual

**III. CITATION INPUT**

- [ ] In-house documents
- [ ] Selected external documents
- [ ] External tape
  - Form: CH, CH
  - Language: English
- [ ] Other (use comment block below)

Total number of citations per month: 15,600

**IV. TYPES OF DOCUMENTS**

- Reports: 4%
- Journal articles: 20%
- Trade magazines: 4%
- Patents: 6%
- Other: 5%

**III. CITATION INPUT**

- [ ] In-house documents
  - Selected external documents
- [ ] External tape
  - Form: CH, CH
  - Language: English
- [ ] Other (use comment block below)

Total number of citations per month: 15,600

**IV. TYPES OF DOCUMENTS**

- Reports: 4%
- Journal articles: 20%
- Trade magazines: 4%
- Patents: 6%
- Other: 5%

**V. INDEXING OF CITATIONS**

- [ ] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Other: all terms in text are inverted and stemmed

Avg. no. terms per document: 10

Indiced in-house? Yes

**VI. INDEXING OF PROFILES**

- [ ] Done by subscriber
- [ ] Done by professional indexer

Using:
  - Weights
  - Logical connectors
  - Truncation
  - Links
  - Other:

Avg. no. terms per profile: 60

**VII. MATCHING TECHNIQUE**

- [ ] Boolean Logic
- [ ] Single term match
- [ ] Percent match
- [ ] Other:

Avg. no retrieve/term run: 50

**VIII. FORM OF ANNOUNCEMENT**

- [ ] Cards with machine-readable stub
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents
- [ ] Other: non-machine-readable cards

**IX. SUBSCRIBER FEEDBACK**

- [ ] Questionaire
- [ ] Interviews
- [ ] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? Yes
Avg. frequency of updating: once per month

**X. PROFILE UPDATING**

- [ ] By subscriber
- [ ] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

**COMMENTS**

Identify the publication that gives the most complete description of current or planned system:


We have a schedule of charges for our services.

Special Interest Group on SDI, American Society for Information Science

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### SDI SYSTEM FACT SHEET

**Name of Respondent**

John W. Carrigy

**Organisation & Address**

Engineering Index, Inc.
345 East 47th Street
New York, N.Y. 10017

**I wish to receive copies of all responses.**

(You may check even if you don't complete form.)

---

#### I. STATUS OF SYSTEM

- [ ] Operational
- [ ] Pilot operation
- [ ] Planning stage

- [ ] Individuals
- [ ] Small groups
- [ ] Organizations

Present no. of subscribers: **14**

Projected subscribership in 6 months:

---

#### II. PROCESSING MODE

- [ ] Computer
  - [ ] Mgr./Model: **360/65**
  - [ ] Program language: **Autocoder**
  - [ ] Mfg./Model: **1401**
  - [ ] Compatibility: **(65K)**
- [ ] Primarily manual

---

#### III. CITATION INPUT

- [ ] In-house documents
- [ ] Selected external documents
- [ ] External tape
- [ ] From:
- [ ] Other (use comment block below)

Total number of citations per month: **1000 E/E**

---

#### IV. TYPES OF DOCUMENTS

- [ ] Reports **84.0%**
- [ ] Journal articles **15.0%**
- [ ] Trade magazines **1.0%**
- [ ] Patents **0%**
- [ ] Other **0%**

Major broad subject area: Engineering

---

#### V. INDEXING OF CITATIONS

- [ ] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Other

Avg. no. terms per document: **5**

Indexed in-house: **yes**

---

#### VII. MATCHING TECHNIQUE

- [ ] Boolean Logic
- [ ] Negation
- [ ] Must terms
- [ ] Weights & hit level
- [ ] Percent match
- [ ] Other

Avg. no retrievals/user/ run: **30**

Run frequency: **ca. month**

---

#### IX. SUBSCRIBER FEEDBACK

- [ ] Questionnaire
- [ ] Interviews
- [ ] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other: **(year end reports)**

Do you provide copies of documents on request? **no**

---

#### X. PROFILE UPDATING

- [ ] By subscriber
- [ ] By indexer
- [ ] Automatic, by subscriber feedback to computer

Avg. frequency of updating: **generally every 3-4 months**

---

**Identify the publication that gives the most complete description of current or planned system:**

**User's Guide - primer for search service users.**

(Plus additional, informal information supplement)

Reprint available from respondent: **yes**

---

**COMMENTS**

(Continues on page 2)

**III - input unit includes CITATION, index terms, Authors, Title, subject headings**

**IX - Copies of documents can be supplied by ESL (Engineering Societies Library)**

**IV - Coverage also includes - proceedings, conferences, symposia**

Special Interest Group on SDI, American Society for Information Science

---

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### COMMENTS (continued)

Abstracts are provided for the total input for each cycle in both of the fields of interest.

- **Plastics search service users** receive a subscription to the *Plastics Monthly*. (There is a charge of $250 per year).
- **E/E search service users** receive the complete input on microfiche. (There is no charge for this).

---

### FUTURE PLANS

Please refer to attached announcement on COMPENDEX. Use of the CFS package (Combined File Search - 1401 - autocoder system out of the IBM library) will be phased out at the end of 1969. CITE will continue as a service, however, making available subsets of the total input as appropriate in the TEXT-PAC format (an IBM Library Program) used for COMPENDEX.

---

If cost data on system is available, please check here. X
Name of Respondent: A. Hood Roberts
Organisation & Address: ERIC Clearinghouse for Linguistics Center for Applied Linguistics 1717 Massachusetts NW Washington, D.C. 20036

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 103
- Individuals
- Small groups
- Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- Computer
  - Mfr./Model
  - Program language
- Punch card equipment only
- Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- Other (use comment block below)

Total number of citations per month: 10

IV. TYPES OF DOCUMENTS
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Linguistics
- Major broad subject area:
  - Generative Grammar

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:
  - Weights
  - Roles
  - Links
  - Other:

Avg. no. terms per document: none used
Indexed in-house at the moment

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
  - Weights
  - Logical connecters
  - Roles
  - Truncation
  - Links
  - Other:

Avg. no. terms per profile:

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:

Avg. no retrievals/user/run:
Run frequency:

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? no

X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating:

Identify the publication that gives the most complete description of current or planned system:
The Management of Small Special Interest Groups; Some Considerations Proceedings, 31st Annual Meeting of ASIS in Columbus, Ohio

Reprint available from respondent. yes

The EGS Program is in the process of reorganization. Announcement describing its new mode of operation will be published in the Clearinghouse Bulletin or will be sent on request after May 1, 1969. FUTURE PLANS: DILLS, or Dissemination of Information in Linguistics and the Langauge Sciences will include additional subfields of linguistics. It will publish a bi-weekly abstract bulletin of pre-publication papers, with hard copies or microfiche of the latter available from the National Cash Register Co. It is hoped that the program will become operational in early summer of 1969.

Special Interest Group on SDI, American Society for Information Science

Best Available Copy
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.J. Feic</td>
<td>F.W. Postel, Div. McGraw-Hill</td>
<td>[ ] Yes [ ] No</td>
</tr>
<tr>
<td></td>
<td>14 Franklin Street Systems Co.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>330 N. 12th St., N.Y., N.Y. 10010</td>
<td></td>
</tr>
<tr>
<td></td>
<td>712-971-3809</td>
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### I. STATUS OF SYSTEM

- **Operational**: Yes
- **Pilot operation**: No
- **Planning stage**: No

Present no. of subscribers: 65,170

Projected subscribership in 6 months: Same

### II. PROCESSING MODE

- **Computer**
- **Mfg./Model**: K NURAL 1/30
- **Program language**
  - Punched card equipment only
  - Primarily manual

### III. CITATION INPUT

- **In-house documents**: Yes
- **Selected external documents**: Yes
- **External tape**: Yes
- **Words in title**: Yes
- **Automatic text analysis**: Yes
- **Free terms**: Yes
- **Weights**: Yes
- **Roles**: Yes
- **Links**: Yes
- **Other**: No

Total number of citations per month: 4,500

### IV. TYPES OF DOCUMENTS

- **Reports**: 100%
- **Journal articles**: 0%
- **Trade magazines**: 0%
- **Patents**: 0%
- **Other**: 0%

Major broad subject area: Construction/Reports

### V. INDEXING OF CITATIONS

- **Thesaurus**: Yes
- **Free terms**: Yes
- **Weights**: Yes
- **Roles**: Yes
- **Links**: Yes
- **Automatic text analysis**: Yes
- **Other**: No

Avg. no. terms per document: 20

Indexed in-house?: Yes

### VI. INDEXING OF PROFILES

- **Done by subscriber**: Yes
- **Done by professional indexer**: No
- **Using**:
  - **Weights**: Yes
  - **Logical connectors**: Yes
  - **Roles**: Yes
  - **Truncation**: Yes
  - **Links**: Yes
  - **Other**: Thesaurus

Avg. no. terms per profile: 500

### VII. MATCHING TECHNIQUE

- **Boolean Logic**: Yes
- **Negation**: Yes
- **Weights & hit level**: Yes
- **Must terms**: Yes
- **Percent match**: Yes
- **Other**: No

Avg. no retrievals/user/run: 500

### VIII. FORM OF ANNOUNCEMENT

- **Cards with machine-readable stubs**: Yes
- **Computer printout (paper)**: Yes
- **Reproduced abstracts**: Yes
- **Reproduced documents**: Yes
- **Other**: Please attach sample

### IX. SUBSCRIBER FEEDBACK

- **Questionnaire**: Yes
- **Interviews**: Yes
- **User evaluation of each citation**: Yes
- **Orders for documents**: Yes
- **Other**: Yes

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Annual

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent: Yes

### COMMENTS (Continue on page 2)

---

Special Interest Group on SDI, American Society for Information Science
**Comments (continued)**

| Dodge | LA 3B #198 631 | 2-9-A-3 | Bids soon | 1-27-69-
|-------|----------------|---------|------------|-----------

Cappy Fish & Chips Drive In Restaurant Co
Las Vegas NV (Clark Co) Boulder Hwy at Nellis

Prospective bidders on GC - Owner taking bids on GC due immediately

Owner - Earl McNiven 3838 Raymart Las Vegas NV (702/737-3210)
Architect - Tate & Dobusky 214 Maryland Pkwy Las Vegas NV (702/382-9131)

Engineer (Structural-Mechanical-Electrical-Kitchen) - Architect does

Stucco Ext walls-No backup-Redwood ext trim-1 sty-no basement-900 sq ft dims-Wall bearing const-concrete flr const-WD RF const Plywood RF DK incl patio-brick wall fence-PRD CONC FDNS-ELEC HTG & AIR CONDTS (5 TON CAP)-Quarry tile-sheet vinyl fin flr-Redwood window sashes-alum shgl RF HATL-No special type OSST-Drywall Marlite panel int wall fin-fire spkrs-No acoust mats-ELEV or demol

GC incl all trades

Specs obt from owner - No Chg

Owner may req bonds

Prospective bidders on GC

(1) Indicates req for sub-bids

(2) All addresses in Nevada and area code 702 unless otherwise noted

(3) Ben G O'Veye Const Co 1772 Industrial Rd Las Vegas (382-7212)

Wadsworth Bros Const 3033 Losée Las Vegas (642-7684)

Allen Const Co 120 E Flamingo Rd Las Vegas (385-3403)

Sample announcement

If cost data on system is available, please check here. _____
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organiser &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.P. Lurie</td>
<td>Eastman Kodak Co. Research Laboratories Rochester, N.Y. 14650 Bldg. 85</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage
- Present no. of subscribers: 65
- Individuals: Small groups: Organizations
- Projected subscriptions in 6 months: 85

**II. PROCESSING MODE**
- Computer
  - Mgr./Model: IBM 360/40
  - Program language: Assembler
- Punched card equipment only
- Primarily manual

**III. CITATION INPUT (Chemical Titles)**
- In-house documents
- Selected external documents
- External tape: From Chemical Abstracts
- Other (use comment block below)
- Total number of citations per month: 10K

**IV. TYPES OF DOCUMENTS**
- Reports: 100%
- Journal articles: 100%
- Trade magazines: Other
- Abstracts: Patents: Other
- Major broad subject area: Chemistry - Chemical Engineering

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free term: Roles
- Words in title: Links
- Automatic text analysis: Other
- Other:
- Avg. no. terms per document: 10-15
- Indexed in-house: No

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer
- (See 1 below)
- Using:
  - Weights: Logical connectors: Truncation
  - Roles: Links: Other:
- Avg. no. terms per profile: 35

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Single term match: Negation
- Weights & Interoper: Percent match
- Other:
- Avg. no retrieve/week: 80
- Run frequency: Biweekly

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**IX. SUBSCRIBER FEEDBACK**
- Questionnaires
- Interviews (to a lesser extent)
- User evaluation of each citation
- Orders for documents
- Other:
- Do you provide copies of documents on request? Yes
- Avg. frequency of updating: See 2 below

**X. PROFILE UPDATING**
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

**COMMENTS** (Continue on page 2)

1. Profiles are constructed by professional indexer after considerable consultation with the subscriber in an effort to produce most meaningful profile.
2. The subscriber and/or indexer modify the profile to correct for unwanted or useless references. Updating causes to be a problem after the profile has been used for several issues of Chemical Titles.

Special Interest Group on SDI: American Society for Information Science
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.H. Wagner</td>
<td>Research Laboratories Eastman Kodak Co. Rochester, N.Y. 14650</td>
</tr>
</tbody>
</table>

#### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
Present no. of subscribers: 36
Individually: 30
Small groups: 6
Organisations: 0
Projected subscribership in 6 months: 45

#### II. PROCESSING MODE
- Computer
  - Mfr./Model: IBM 360/30
  - Program language: Multicoder (Kodak)
- Punched card equipment only
- Primarily manual

#### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From: Engineering Index
- Other (use comment block below)
Total number of citations per month: 700

#### IV. TYPES OF DOCUMENTS
- Reports 80%
- Trade magazines 20%
- Patents 0%
- Other 0%
Major broad subject area: (Plastics & Polymers)

#### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:
Avg. no. terms per document: 20
Indexed in-house? Yes

#### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:
Avg. no. terms per profile: 85 (170 profiles)

#### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:
Avg. no retrievals/user/run: 55
Run frequency: Monthly

#### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other: Cards

#### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
Do you provide copies of documents on request? Yes
Avg. frequency of updating: Every month, as required

#### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? Yes

COMMENTS (Continue on page 3)
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.H. Wagner</td>
<td>Research Laboratories Eastman Kodak Co.</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Rochester, N.Y. 14650</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td></td>
<td>☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Operational</td>
<td>☐ Computer</td>
</tr>
<tr>
<td>☐ Pilot operation</td>
<td>☐ Mfr./Model: IBM 360/30</td>
</tr>
<tr>
<td>☐ Planning stage</td>
<td>☐ Program language: Multicoder (Kodak)</td>
</tr>
<tr>
<td></td>
<td>☐ Punched card equipment only</td>
</tr>
<tr>
<td></td>
<td>☐ Primarily manual</td>
</tr>
<tr>
<td>Present no. of subscribers: 18</td>
<td></td>
</tr>
<tr>
<td>☐ Individuals &amp; small groups</td>
<td>☐ Organizations</td>
</tr>
<tr>
<td>Projected subscribership in 6 months: 30</td>
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</tr>
</tbody>
</table>

**III. CITATION INPUT**

<table>
<thead>
<tr>
<th>☐ In-house documents</th>
<th>☐ Selected external documents</th>
<th>☐ External tape</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From: Engineering Index</td>
<td></td>
</tr>
<tr>
<td></td>
<td>☐ Other (use comment block below)</td>
<td></td>
</tr>
<tr>
<td>Total number of citations per month: 1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IV. TYPES OF DOCUMENTS**

- ☐ Reports 5%
- ☐ Journal articles 95%
- ☐ Trade magazines 0%
- ☐ Patents 0%
- ☐ Other 0%

Major broad subject area: Electrical & Electronic Engr.

**V. INDEXING OF CITATIONS**

- ☐ Thesaurus
- ☐ Free terms
- ☐ Word roots in title
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: 12

Indexed in-house? No

**VI. INDEXING OF PROFILES**

- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:

- ☐ Weights
- ☐ Logical connectors
- ☐ Roles
- ☐ Truncation
- ☐ Links
- ☐ Other:

Avg. no. terms per profile: 43 (58 profiles)

**VII. MATCHING TECHNIQUE**

- ☐ Boolean Logic
- ☐ Negation
- ☐ Single term match
- ☐ Must terms
- ☐ Weight & hit level
- ☐ Percent match
- ☐ Other:

Avg. no. retrievals/user/run: 25

Run frequency: Monthly

**VIII. FORM OF ANNOUNCEMENT**

- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other: Cards

**IX. SUBSCRIBER FEEDBACK**

- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Every month, as required

**X. PROFILE UPDATING**

- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Identify the publication that gives the most complete description of current SDI system:


Reprint available from respondent? Yes

**COMMENTS (Continue on page 2)**

Special Interest Group on SDI, American Society for Information Science

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**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
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<tbody>
<tr>
<td>A.P. Lurie</td>
<td>Eastman Kodak Co.</td>
<td>Yes</td>
</tr>
<tr>
<td>R.H. Wagner</td>
<td>Research Laboratories</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bldg. 81</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rochester, N.Y. 14650</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>(You may check even if you don’t complete form.)</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- Pilot operation
- Planning stage
- Present no. of subscribers: 85
- Projected subscribership in 6 months: 125
- Individuals & Small groups: 85

**II. PROCESSING MODE**

- Computer
- IBM 360/65
- Program language: Basic
- Equipment only
- Primarily manual

**III. CITATION INPUT**

- CA-Condensates
- In-house documents
- Selected external documents
- External tape
- From Abstract Service
- Other (use comment block below)

- Total number of citations per month: 20

**IV. TYPES OF DOCUMENTS**

- Reports: 10%
- Journal articles: 70%
- Trade magazines: %
- Patents: 15%
- Other: 5%

**V. INDEXING OF CITATIONS**

- Chemical Abstracts
- Free terms
- Words in title
- Automatic term analysis
- Other:
- Avg. no. terms per document: 20

**VI. INDEXING OF PROFILES (Interest Profiles)**

- Done by subscriber
- Done by professional indexer; i.e., managers
- Using:
  - Weights
  - Logical connectors
  - Roles
  - Truncation
  - Links
  - Other:
- Avg. no. terms per profile: 47

**VII. MATCHING TECHNIQUE**

- Boolean Logic
- Single term match
- Weights & hit level
- Other:
- Avg. no. retrievals/user/month: 100

**VIII. FORM OF ANNOUNCEMENT**

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:
- Reprint available from respondent: No

**IX. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interviews
- User evaluation of each profile
- Orders for documents
- Other:
- Do you provide copies of documents on request? Yes

**X. PROFILE UPDATING**

- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:
- Avg. frequency of updating: Biweekly, as required

*Identify the publication that gives the most complete description of current or planned system:*

**None known, at present, except ′or documentation available from CAS.**

**COMMENTS** (Continue on page 2)
SDI SYSTEM FACT SHEET

Name of Respondent: Garwig, Paul L.
Organisation & Address: FMC Corporation
Chemical Research and Development Center
Box 8, Princeton, N.J. 08540
Phone: 609-452-2300, x. 250

I. STATUS OF SYSTEM
   - Operational
   - Pilot operation
   - Planning stage
   Present no. of subscribers: 50
   - Individuals
   - Small groups
   - Organisations
   Projected subscribers in 6 months:

II. PROCESSING MODE
   - Computer
     - Model
     - Program language
     - Punch card equipment only
     - Primarily manual

III. CITATION INPUT
   - In-house documents
   - Selected external documents
   - External tape
     - Other (see comment block below)
   Total number of citations per month: 500

IV. TYPES OF DOCUMENTS
   - Reports
     - Journal articles
     - Trade magazines
     - Patents
     - Other
     Major broad subject area: Chemistry

V. INDEXING OF CITATIONS
   - Thesaurus
   - Free terms
   - Words in title
   - Automatic text analysis
     - Other: Manual - interest profiles
   Avg. no. terms per document:
   Indexed in-house:

VI. INDEXING OF PROFILES
   - Done by subscriber
   - Done by professional indexer
   Using:
     - Weights
     - Logical connectors
     - Rules
     - Truncation
     - Links
     - Other
   Avg. no. terms per profile: 5-10

VII. MATCHING TECHNIQUE
   - Boolean Logic
   - Single term match
     - Must terms
     - Weights & hit level
     - Percent match
     - Other: Manual - reading
   Avg. no. retrievals/user/run:
   Run frequency: Weekly

VIII. FORM OF ANNOUNCEMENT
   - Cards with machine-readable stubs
   - Computer printout (paper)
   - Reproduced abstracts
   - Reproduced documents
     - Other:
       News items
   Please attach sample

IX. SUBSCRIBER FEEDBACK
   - Questionnaire
   - Interviews
     - User evaluation of each citation
   - Orders for documents
     - Other: Manual evaluation
   Do you provide copies of documents on request? Yes
   Avg. frequency of updating: Quarterly

Identify the publication that gives the most complete description of current or planned system: None

Comments (Continue on page 2)

We were one of the participants in the original SDI experiment conducted by Chemical Abstracts, but we no longer subscribe to that service.

FUTURE PLANS: To expand the range of literature covered by the service.

Special Interest Group on SDI, American Society for Information Science

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SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban J. Sweaney</td>
<td>Technical library</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>General Dynamics, Elect Div</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1400 N Goodman St</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rochester, N.Y. 14601</td>
<td></td>
</tr>
</tbody>
</table>

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
Present no. of subscribers: 63
- Individuals
- Small groups
- Organizations
Projected subscribership in 6 months: 120

II. PROCESSING MODE
- Computer
  - Mgr./Model: IBM-360/50
  - Program language: 7010 Mode (AT PRESENT)
- Punchcard equipment only
- Primarily manual

III. TATION INPUT
- In-house documents
- Selected external documents
- External tape
- Other (see comment block below)
Total number of citations per month: 7,800

IV. TYPES OF DOCUMENTS
- Reports 40%
- Journal articles 45%
- Trade magazines 10%
- Patents 5%
- Other 10%

Major broad subject area:

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:
  - Average no. terms per document: 12
  - Indexed in-house? NO

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Negative
- Must terms
- Percent match
- Other:
  - Average no. retrievals/user/run: 36.5
  - Run frequency: 125/month

IX. SUBSCRIBER FEEDBACK
- Questionnaires
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
  - Do you provide copies of documents on request? Yes
Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent"

Special Interest Group on SDI, American Society for Information Science

COMMENTS (Continue on page 2)

The system is very well received by those who have a personal experience of it. It requires constant monitoring to stay attuned to the specific requirements of the users. FUTURE PLANS: We hope to increase our number of users and to become operational using a 360 program.
SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. J. SCHMIDT</td>
<td>NAVAL REACTOR INFORMATION CENTER (NRIC)</td>
<td>☑</td>
</tr>
<tr>
<td></td>
<td>GENERAL ELECTRIC COMPANY</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>KNOLLS ATOMIC POWER LABORATORY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P.O. BOX 1072</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCHENECTADY, N.Y. 12301</td>
<td></td>
</tr>
</tbody>
</table>

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: approx. 250
- Individuals
- Small groups
- Organizations

Projected subscription in 6 months: Same

II. PROCESSING MODE
- Computer
  - Mgr./Model: CDC 6600
  - Program language
  - Punch card equipment only
  - Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External titles
- From: USABC's Div. of Tech. Info.
- Other (use comment block below)

IV. TYPES OF DOCUMENTS
- Reports 95%
- Journal articles 1%
- Trade magazines 1%
- Patents 1%
- Other 3%

Major broad subject area: Naval reactor technology

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other

Avg. no. terms per document: 25

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other

Avg. no. terms per profile: 30, including "range" terms as described below

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Weights & hit level
- Percent match
- Other

See retrieval capabilities described below

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper) (abstracts included)
- Reproduced abstracts
- Reproduced documents
- Other

Please attach sample

IX. SUBSCRIBER FEEDBACK
- Questions are (included with search) (output)
- Interview (informal) (output)
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request? Yes

Avg. frequency of updating: See notes below or updating

X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other

Do you provide copies of documents on request? Yes

Avg. frequency of updating: See notes below or updating

Identifies the publication that gives the most complete description of current or planned system:


Reprint available from respondent? Yes

COMMENTS (Continue on page 4) The NRIC system utilizes the TIGIR computer program for information storage, retrieval, and dissemination; capabilities of the system are applicable to retrospective as well as to SDI searches. Retrieval is based on the post-coordination of search terms—subject, personal author, corporate author, date, and other delimiters—using a logical (modified Boolean) expression. In addition to the Boolean "and," "or," and "not," special operators are available for alphanumeric "range" searching (for all terms x/y, inclusive),
COMMENTS (continued) "multiple or" searching (for any x of y terms), and "switching" logic (which turns the query on when a stated criterion is met and off again when a second criterion is reached - for instance to search only a particular series of accession numbers). A search strategy is set up as a series of subquestions, from most specific to less specific, by eliminating qualifiers or adding more general search terms; all variations of the expression are processed as one search. The search printout displays the most relevant unit records first, followed by the more general, that is, in the same sequence as the subquestions against which the records are matched. Indexing and retrieval terms pertinent to naval reactor technology are contained in the NRIC's subject-classified, hierarchically-ordered thesaurus. The thesaurus is divided into approx. 20 open-ended categories, with an alphabetic letter designation for each section; one of the sections is devoted to role indicators. The terms in each thesaurus category are assigned unique alphanumeric codes in hierarchical sequence; the arrangement of terms and the form of notation allows the NRIC to easily search for ranges or classes of information with a minimum of search terms. For example, the search strategy for all mechanical property information in the system is simply, "U08/00999;" for the purposes of this survey, such an expression is counted as only one term, although it actually encompasses over 90 unique terms.

The SDI profiles are updated whenever necessary, according to user comments and/or feedback from the forms attached to the SDI search output. In addition, each profile is reviewed at least once a year by the indexer. The actual updating can take place before any SDI computer run.

FUTURE PLANS
Immediate system plans are to provide advanced search modules which can be serially attached to the present search logic; ability to handle other data bases; a method of minimizing the searchable data base during interrogation; remote terminal demonstration in the Information Center; and data system interfacing.

Longer range plans include means for a direct user interface for both interrogation and system input; an experimental semi-automatic iterative search technique, possibly automatic or semi-automatic indexing, and testing and implementation of other advanced system concepts.

If cost data on system is available, please check here. X
Name of Respondent: W. H. Richardson
Address: Allison Division, GMC Library, Plant 8
P.O. Box 894
Indianapolis, Indiana 46206
Phone: 243-551

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
Present no. of subscribers: 25
Individuals □ Small groups □ Organizations
Projected subscripsnhip in 6 months:

II. PROCESSING MODE
- Computer Mgr./Model: IBM 7044
- Program language: FORTRAN
- Punched card equipment only
- Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From: □ Other (use comment block below)
Total number of citations per month: 200

IV. TYPES OF DOCUMENTS
- Reports: 30%
- Journal articles: 20%
- Trade magazines: 15%
- Patents: 10%
- Other: 5%
Major broad subject area: Mechanical engineering

V. INDEXING OF CITATIONS
- Thesaurus □ Weights
- Free terms □ Roles
- Words in title □ Links
- Automatic text analysis
- Other:
Avg. no. terms per document: 8
Indexed in-house? Yes

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
Using:
- Weights □ Logical connectors
- Roles □ Truncation
- Links □ Other:
Avg. no. terms per profile: 6

VII. MATCHING TECHNIQUE
- Boolean Logic □ Negation
- Single term match □ Most terms
- Weights & hit level □ Percent match
- Other:
Avg. no. retrievals/user/Run: 8
Run frequency: monthly

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
Do you provide copies of documents on request? Yes
Avg. frequency of updating: Semi-annually

X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Identify the publication that gives the most complete description of current or planned system.

Comments (Continued on page 2)
**SDI SYSTEM FACT SHEET**

<table>
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<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. H. Kiesewetter</td>
<td>General Telephone &amp; Electronics Lab. 208-20 Willets Point Boulevard Bayside, N.Y. 11360</td>
<td>✗</td>
</tr>
<tr>
<td>Phnoe</td>
<td>212-225-5000</td>
<td></td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

**Present no. of subscribers:**
- Individuals
- Small groups
- Organisations

**Projected subscribership in 6 months:**

### II. PROCESSING MODE
- Computer
- Mgr./Model: IBM 1401
- Program language: SPS
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From:
  - Other (use comment block below)

**Total number of citations per month:** 200

### IV. TYPES OF DOCUMENTS
- Reports 100%
- Journal articles
- Trade magazines
- Patents
- Other

**Major broad subject area:** Electronics Metalurgy

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- External tape
- Automatic text analysis
- Other:

**Avg. no. terms per document:** N.A.

**Indexed in-house?** N.A.

### VI. INDEXING OF PROFILES
- Dons by subscriber
- Dons by professional indexer
- Using:
  - Weights
  - Logical connectors
  - Roles
  - Truncation
  - Links
  - Other:

**Avg. no. terms per profile:** 30

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Weights & hit level
- Percent match
- Other:

**Avg. no retrievals/user/run:** 8-10%

**Run frequency:** Bi-weekly

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**PLEASE ATTACH SAMPLE**

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

**Do you provide copies of documents on request?** Yes

**Avg. frequency of updating:** varies

**Identify the publication that gives the most complete description of current or planned system:**

None at present.

**COMMENTS (Continue on page 2):**

**FUTURE PLANS:** Intended to adopt TEXT-PAC as the processing system in the near future. Machine-readable data bases will be utilized as they become available.

Special Interest Group on SDI, American Society for Information Science

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**SDI SYSTEM FACT SHEET**

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 100

Projected subscribership in 6 months: 9

### II. PROCESSING MODE
- Computer
- Mgr./Model: IBM 7090
- Program language: ASR-330
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tapes
- Other (use comment block below)

Total number of citations per month: 2500

### IV. TYPES OF DOCUMENTS
- Reports: %
- Journal articles: %
- Trade magazines: %
- Patents: %
- Other: %

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: 15

Indexed in-house: Yes

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile: 10

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Negation
- Weight & hit level
- Percent match
- Other:

Avg. no. retrievals/user/run: Various

Run frequency: Monthly

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Reproduced abstracts
- Reproduced documents
- Other:

PLEASE ATTACH SAMPLE

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Three

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

### COMMENTS

Identify the publication that gives the most complete description of current or planned system:

Done

Reprint available from respondent?

---

**Special Interest Group on SDI, American Society for Information Science**

53
<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
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<tbody>
<tr>
<td>Blanche B. White, Miss</td>
<td>W. R. Grace &amp; Company Research Division</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td>Phone</td>
<td>Washington Research Center Clarksville, Maryland 21029</td>
<td></td>
</tr>
</tbody>
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**I. STATUS OF SYSTEM**
- Pilot operation
- Planning stages
- Present no. of subscribers: 60
- Projected subscribers in 6 months: 75

**II. PROCESSING MODE**
- Computer Mgr./Model IBM 360/30
- Program language ASSEMBLY
- Punch card equipment only
- Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape
  - From: CAS - CHEMICAL TITLES
- Other: (use comment block below)
- Total number of citations per month: ______

**IV. TYPES OF DOCUMENTS**
- Reports 40%
- Journal articles 80%
- Trade magazines 5%
- Patents 15%
- Other: __________%
- Major broad subject area: CHEMISTRY

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: (use comment block below)
- Avg. no. terms per document: ______
- Indexed in-house? Yes

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer
- Using:
  - Weights
  - Logical connectors
  - Roles
  - Links
  - Other: (use comment block below)
- Avg. no. terms per profile: 35

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Negative
- Single term match
- Most terms
- Weights & hit level
- Percent match
- Other: (use comment block below)
- Avg. no. retrievals/user/run: 25
- Run frequency: ______

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stub
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other: (use comment block below)
- Avg. frequency of updating: ______

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: (use comment block below)
- Do you provide copies of documents on request? No

**X. PROFILE UPDATING**
- By subscriber
- By indexers
- Automatic, by subscriber feedback to computer
- Other: (use comment block below)
- Avg. frequency of updating: ______

**COMMENTS (Continue on page 2)**

Special Interest Group on SDI, American Society for Information Science
## SDI System Fact Sheet

<table>
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<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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</thead>
<tbody>
<tr>
<td>A. B. Mobley</td>
<td>Highway Research Board</td>
<td>☑</td>
</tr>
<tr>
<td></td>
<td>2101 Constitution Avenue, N. W.</td>
<td>Washington, D. C. 20418</td>
</tr>
<tr>
<td>Phone</td>
<td>202-961-1782</td>
<td>☑</td>
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### I. Status of System
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 40

<table>
<thead>
<tr>
<th>Type of subscriber</th>
<th>Number</th>
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<tbody>
<tr>
<td>Individuals</td>
<td>40</td>
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<tr>
<td>Small groups</td>
<td></td>
</tr>
<tr>
<td>Organisations</td>
<td></td>
</tr>
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</table>

Projected subscriberhip in 6 months:

### II. Processing Mode
- Computer
  - Mlg./Model: 360/30
  - Program language: Assembler
  - Punched card equipment only
  - Primarily manual

### III. Citation Input
- In-house documents
- Selected external documents
- External tape

From:
- Other (use comment block below)

Total number of citations per month: 800

### IV. Types of Documents
- Reports: 10%
- Journal articles: 17%
- Trade magazines: 15%
- Patents: 10%
- Other: 50%

Major broad subject area: Highway Transportation

### V. Indexing of Citations
- Thesaurus
- Freewords
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: 12

Indexed in-house? Yes

### VI. Indexing of Profiles
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile: 10

### VII. Matching Technique
- Boolean Logic
- Single term match
- Weight & hit level
- Other:

Avg. no retrievals/user/run: 1

Run frequency: Monthly

### VIII. Form of Announcement
- Card: with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other: [Please attach sample]

### IX. Subscriber Feedback
- Questionnaires
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? No

Avg. frequency of updating: Annual or upon request

Identify the publication that gives the most complete description of current or planned system:

Highway Research News, No. 18, March 1965, pp. 5-

Reprint available from respondent: Yes

### Comments (Continue on page 2)
SDI SYSTEM FACT SHEET

**Name of Respondent:** Peter F. Sorter

**Organisation & Address:** Hoffmann-La Roche Inc. Nutley, New Jersey 07107

I wish to receive copies of all responses (You may check even if you don't complete form.)

---

### I. STATUS OF SYSTEM
- Operational
- Planning stage

Present no. of subscribers:
- Individuals
- Small groups
- Organisations

Projected subscribership in 6 months:

---

### II. PROCESSING MODE

- Computer
  - Mfr./Model: IBM 360/30
  - Program language: FORTRAN

- Punched card equipment only
- Primarily manual

---

### III. CITATION INPUT

- In-house documents
- Selected external documents
- External tape:
  - CBAC
- Other (use comment block below)

Total number of citations per month:

---

### IV. TYPES OF DOCUMENTS

- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area:

---

### V. INDEXING OF CITATIONS

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document:

Indexed in-house? **No**

---

### VI. INDEXING OF PROFILES

- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile:

---

### VII. MATCHING TECHNIQUE

- Boolean Logic
- Single term match
- Must terms
- Weights & hit level
- Percent match
- Other:

Avg. no. retrievals/user/run:

Run frequency: **Pineapple**

---

### IX. SUBSCRIBER FEEDBACK

- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? **Yes**

---

### X. PROFILE UPDATING

- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating:

---

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

---

### COMMENTS (Continue on page 2)

Special Interests Group on SDI, American Society for Information Science
### SDI SYSTEM FACT SHEET

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<tr>
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<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
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<tbody>
<tr>
<td>T. F. Lindsley</td>
<td>IBM Technical Information Retrieval Center Old Orchard Road Armonk, New York 10504</td>
<td>☑️</td>
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</tbody>
</table>

#### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: **3550**
Projected subscriberhip in 6 months: **3900**

#### II. PROCESSING MODE
- Computer
  - Mgr./Model: SYSTMC 360 H0050
  - Program language: MCL
  - Punched card equipment only
  - Primarily manual

#### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
  - From: **Cana. Abst. Cus. Index**
  - Other (use comment block below)

Total number of citations per month: **2500+**

#### IV. TYPES OF DOCUMENTS
- Reports: 45.5%
- Journal articles: 45.0%
- Trade magazines: 9%
- Patents: 2.5%
- Other: 4.0%

Computers and applications

#### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: **Free Text Search**

Avg. no. terms per document: **125**

#### VI. INDEXING OF PROFILES
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: **Free Text Search**

Avg. no. terms per profile: **57**

#### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Other: **Adjacent Words, Out of Phrase Matching**

Avg. no. retrievals/user/run: **10**
Run frequency: **Weekly**

#### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

#### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: **(When copyright permits)**

Do you provide copies of documents on request? **Yes**

#### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other: **Analysis of Response Cards - Telephone**

Avg. frequency of updating: **2 - 3 months**

---

*Identify the publication that gives the most complete description of current or planned system: ITIRC 023 - "IBM's Unique but Operational International Industrial Textual Documentation System - ITIRC"*

Reprint available from respondent?: **Yes**

---

**Special Interest Group on SDI, American Society for Information Science**

57
### Name of Respondent
F. L. Cuddy, Manager
Technical Reports Center

### Organisation & Address
IBM Corporation
Electronics Systems Center
Owego, New York 13827

### I wish to receive copies of all responses.
(You may check even if you don't complete form.)

### I. STATUS OF SYSTEM
- **Operational**
- **Pilot operation**
- **Planning stage**
- **Present no. of subscribers:** 215
- **Projected subscribership in 6 months:** About Same

### II. PROCESSING MODE
- **Computer**
  - **Mfr./Model:** IBM 7094
  - **Program language:** Fortran
- **Punched card equipment only**
- **Primarily manual**

### III. CITATION INPUT
- **In-house documents**
- **Selected external documents**
- **External tape**
- **Other (use comment block below)**
- **Total number of citations per month:** 800

### IV. TYPES OF DOCUMENTS
- **Reports:** 75%
- **Journal articles:** 20%
- **Trade magazines:** 5%
- **Patents:**
- **Other:**

### Major broad subject area: Avionics

### V. INDEXING OF CITATIONS
- **Thesaurus**
- **Free terms**
- **Words in title**
- **Automatic text analysis**
- **Other:**
- **Avg. no. terms per document:** 12
- **Index in-house?** Yes

### VI. INDEXING OF PROFILES
- **Thesaurus**
- **Free terms**
- **Weights**
- **Roles**
- **Links**
- **Other:**
- **Avg. no. terms per profile:** 60

### VII. MATCHING TECHNIQUE
- **Boolean Logic**
- **Single term match**
- **Weights & hit level**
- **Percent match**
- **Negation**
- **Must terms**
- **Other:**
- **Avg. no. retrievals/user/run:** 7
- **Run frequency:** Weekly

### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs**
- **Computer printout (paper)**
- **Reproduced abstracts**
- **Reproduced documents**
- **Other:**

### IX. SUBSCRIBER FEEDBACK
- **Questionnaire**
- **Interviews**
- **User evaluation of each citation**
- **Orders for documents**
- **Other:**
- **Do you provide copies of documents on request?** Yes
- **Avg. frequency of updating:** Semi-annual

### X. PROFILE UPDATING
- **By subscriber**
- **By indexer**
- **Automatic, by subscriber feedback to computer**
- **Other:**

### MERGE: A current-awareness and retrospective searching system for technical documents.
63-816-3301 8/21/63 C. F. Balz and R. H. Stanwood

Reprint available from respondent?

### Comments (Continue on page 2)
Present system under development from Nov. 1961 and became operational May 1963. System provides these features: SDI, Weekly Bulletins and Cumulative Indexes (in KWIC format) and Searching.

**FUTURE PLANS:** Conversion from 7094 to 360. Retaining basic features of present system.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

**Name of Respondent**

**ALBERT H. ALLEN**

**Organization & Address**

**IBM CORP.**

**JPD LIBRARY**

**DEPT #511, CPO 100**

**KINGSTON, N.Y.**

**I. STATUS OF SYSTEM**

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<th>Operational</th>
<th>Planning stage</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
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</table>

**Present no. of subscribers:**

- Individuals
- Small groups
- Organizations
- Projected subscribership in 6 months:

**II. PROCESSING MODE**

- Computer

<table>
<thead>
<tr>
<th>Mgr./Model</th>
<th>Program language</th>
<th>Cards with machine-readable stubs</th>
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<tr>
<td></td>
<td>L200/AUTO-000</td>
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**Punched card equipment only**

**Primarily manual**

**III. CITATION INPUT**

- In-house documents
- Selected external documents
- External tape
  - From:
  - Other (use comment block below)

**Total number of citations per month:**

**IV. TYPES OF DOCUMENTS**

- Reports
- Journal articles
- Trade magazines
- Patents
- Other

**Major broad subject areas:**

**V. INDEXING OF CITATIONS**

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
  - Other: AUTO-000

**Avg. no. terms per document:**

<table>
<thead>
<tr>
<th>Indexed in-house</th>
<th>Yes</th>
</tr>
</thead>
</table>

**INDEXING OF PROFILES**

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
  - Other: AUTO-000

**Avg. no. terms per profile:**

- Yes

**VI. MATCHING TECHNIQUE**

- Boolean Logic
- Single term match
- Weights & hit level
- Must terms

**Avg. no retrievals/user/run:**

- Weekly

**VII. FORM OF ANNOUNCEMENT**

- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

**Avg. frequency of updating:**

- Every week

**VIII. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interview
- Automatic evaluation of each citation
- Orders for documents
- Other

**Do you provide copies of documents on request?**

- Yes

**IX. PROFILE UPDATING**

- By subscriber
- By index
- Automatic, by subscriber feedback to computer
- Other

**Avg. frequency of updating:**

**X. FUTURE PLANS**

**Addition of more journals to the data base.**

**COMMENTS**

Open ended system. New subscribers, new information categories can be added any time.

**Identify the publication that gives the most complete description of current or planned system:**

**1985 ADI PROCEEDINGS**

Reprint available from respondent.

**Special Interest Group on SDI, American Society for Information Science**

59
**SDI SYSTEM FACT SHEET**

**Name of Respondent:** I.S.I., Inc.

**Organisation & Address:**
**Dust & Scientific Information**
325 Chestnut St.
**Philadelphia, Pa. 19106**

**I wish to receive copies of all responses:**
[ ]

**I. STATUS OF SYSTEM**
- Operational
  - Pilot operation
  - Planning stage

**Present no. of subscribers:** 4

**Projected subscription in 6 months:**

**II. PROCESSING MODE**
- Computer
  - Method/Model: 36/30
  - Program language: PHL
  - Purchased card equipment:
    - Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tags
- From:
  - Other (use comment block below)

**Total number of citations per month:**

**IV. TYPES OF DOCUMENTS**
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

**Major broad subject area:**

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic field analysis
- Other: Citation indexing

**Avg. no. terms per document:** 20

**Indexed in-house:**

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer

**Using:**
- Weights
  - Logical connectors
  - Roles
  - Truncation
  - Links
  - Other:

**Avg. no. terms per profile:** Not available

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Single term match
- Weights & hit level
- Other

**Avg. no. retrievals/user/year:** Not available

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
  - Frequent requests at any time

**Do you provide copies of documents on request?** Yes

**Avg. frequency of updating:** Weekly

**Identify the publication that gives the most complete description of current or planned system:**


**Reprint available from respondent:**

**COMMENTS (Continue on page 2)**

14. This question seems to be directed primarily to organizations that do not sell information services but only products for their own use.

Special Interest Group on SDI, American Society for Information Science

60
COMMENTS (continued)

I SII operate a commercial SAT service called

called ASCA - Automatic Satellite Alert. This is a
N
cost-effective method to provide automatic


FUTURE PLANS

Since ASCA has been operating successfully for


ICRS has a diversified expansion plan including


If cost data on system is available, please check here.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
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<tbody>
<tr>
<td><strong>PAUL J WOLFE</strong></td>
<td><strong>REGIONAL COMPUTER CTR.</strong>&lt;br&gt;410 PHYSICS RES. CTR. <strong>UNIVERSITY OF IOWA</strong>&lt;br&gt;IOWA CITY, IOWA 52240</td>
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<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
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<tr>
<td>Operational</td>
<td>Computer IBM 360/65</td>
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<tr>
<td>Pilot operation</td>
<td>Mgr./Mon. ASSEMBLY</td>
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<tr>
<td>Planning stage</td>
<td>Program language</td>
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<tr>
<td>Present no. of subscribers:</td>
<td>200 profiles</td>
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<tr>
<td>Individuals</td>
<td>40 profiles</td>
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<table>
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<th>Total number of citations per month:</th>
<th>Major broad subject area:</th>
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<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
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<tr>
<td>Thesaurus</td>
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<tr>
<td>Free terms</td>
<td>Shoots by professional indexer</td>
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<td>Words in title</td>
<td>Using</td>
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<tr>
<td>Automatic text analysis</td>
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<tr>
<td>Other</td>
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<th>Avg. no. terms per document:</th>
<th>Avg. no. terms per profile:</th>
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<tr>
<td>Indexed in-house?</td>
<td>33</td>
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<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
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<tbody>
<tr>
<td>Boolean Logic</td>
<td>ED no. (ISSI)</td>
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<tr>
<td>Single term match</td>
<td>Computer printout (paper) CT</td>
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<tr>
<td>Weights &amp; hit level</td>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td>Percent match</td>
<td>Reproduced documents</td>
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<tr>
<td>Other</td>
<td>Other</td>
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<th>X. PROFILE UPDATING</th>
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<tr>
<td>Questionnaire</td>
<td>by subscriber</td>
</tr>
<tr>
<td>Interviews</td>
<td>by indexer</td>
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<tr>
<td>User evaluation of each citation (ISSI only)</td>
<td>Automatic, by subscriber feedback from computer (ISSI only)</td>
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<td>Orders for documents</td>
<td>Other:</td>
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<table>
<thead>
<tr>
<th>Do you provide copies of documents on request? (ISSI only)</th>
<th>Avg. frequency of updating</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Daily 1st No.</td>
</tr>
</tbody>
</table>

Identify the publication that gives the most complete description of current or planned system:

**SDI Report (1969)**

Computer-based Information Retrieval Workshop (1969)

Information Retrieval Progress Report and


**COMMENTS**

We have been involved in the use of chemical titles (CA) since September 1966. At the present time we are investigating the possibility.

Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

of extending the 'current awareness' searches
to include Chemical Abstracts and Basic
Journal Abstracts.

We are also trying to work out
details of a cooperative effort with
Iowa State University to provide ISI
services to our campus.

FUTURE PLANS

1. Extension of service to regional computer
   center campuses
2. Acquisition of wider range of data bases
3. Cooperative agreements with other state
   universities and ISI searches

If cost data on system is available, please check here. ✓
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>JESS WATKINS</td>
<td>Ames SDI System</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Ames Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Iowa State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ames, Iowa 50010</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>315-294-3590</td>
<td></td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
- Present no. of subscribers: 250
- Individuals: Small groups: Organizations
- Projected subscriber growth in 6 months:

### II. PROCESSING MODE
- Computer
  - Mfr./Model: 360/65
  - Program language: COBOL
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From: E$I
- Other (use comment block below)
- Total number of citations per month: __________

### IV. TYPES OF DOCUMENTS
- Reports: __
- Journal articles: 80%: $I$E
- Trade magazines: __
- Patents: __
- Other: __
- Major broad subject area: __

### V. INDEXING OF CITATIONS
- Thesaurus: __
- Free terms: __
- Collocations: __
- Words in title: __
- Automatic text analysis: __
- Other: __
- Avg. No. terms per document: __
  - Indexed in-house: __

### VI. INDEXING OF PROFILES
- Done by subscriber: __
- Done by professional indexer: __
- Using: __
  - Weights: __
  - Logical connectors: __
  - Roles: __
  - Truncation: __
  - Links: __
  - Other: __
- Avg. no. terms per profile: __

### VII. MATCHING TECHNIQUE
- Boolean logic: __
- Single term match: __
- Must terms: __
- Weights & hi level: __
- Percent match: __
  - Any & else can be simulated: __
  - Avg. no. retrievals/user run: 50
  - Run frequency: WEEKLY

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs: __
- Computer printout: __
- Reproduced abstracts: __
- Reproduced documents: __
- Other: __

### IX. SUBSCRIBER FEEDBACK
- Questionnaire: __
- Interviews: __
- User evaluation of each citation: __
- Orders for documents: __
- Other: __

### X. PROFILE UPDATING
- By subscriber: __
- By indexer: __
- Automatic, by subscriber feedback to computer: __
- Other: __

### Comments (Continue on page 2)
- Programs (COBOL) and JCL are available on tape. Write for more on getting copy.
- Future plans: Retrospective retrieval.

Special Interest Group on SDI, American Society for Information Science
II. IBM 7094 currently used until conversion can be made.

VII. Polish prefix notation puts binary operators ahead of the two operands instead of between them, so that for example, A*(B+C) becomes *A+BC. The need for grouping parentheses is thereby avoided. See J. Lukasiewicz and I. Tarski—Untersuchungen über den Aussagenkalkül. Comptes rendues des Séances de la Société des Sciences et des Lettres de Varsovie. 1930, vol.23, classe 3, fascicule 1-3, pp. 51-77.

The average number of retrievals/user/run is low because many APL-SDI users have very specific requests. Searching a small file (±350 citations every 2 weeks) will frequently yield few or no documents.

FUTURE PLANS

If cost data on system is available, please check here.
I. The number of subscribers is equated with the number of search requests. Each requestor may have from 1-10 search questions; these requests are treated as separate & distinct queries. Some SDI searches are circulated to a group of users. Thus the most useful statistic is the total of requests rather than subscribers.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elaine D. Kaskela</td>
<td>The Johns Hopkins Univ. Applied Physics Laboratory 8621 Georgia Avenue Silver Spring, Md. 20910</td>
<td>☐ (You may check even if you don’t complete form.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone</th>
<th>301, 792-7800, X2234</th>
</tr>
</thead>
</table>

**I. STATUS OF SYSTEM**

- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 100+
Projected subscribership in 6 months: 150+

**II. PROCESSING MODE**

- Computer: IBM 360/91
- Mfr./Model: IBM 360/91
- Program language: PL/I
- Punch card equipment only
- Primarily manual

**III. CITATION INPUT**

- In-house documents
- Selected external documents
- External tape

From: NASA

Other (use comment block below)

Total number of citations per month: 6500

**IV. TYPES OF DOCUMENTS**

- Reports
- Journal articles
- Trade magazines
- Patents
- Other

**SYMPOSIUM MONOGRAPHS**

Major broad subject area:

**V. INDEXING OF CITATION**

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Weights
Roles
Links

Avg. no. terms per document: 12-15

Indexed in-house: No

**VI. INDEXING OF PROFILES**

- Done by subscriber
- Done by professional indexer

Using:

Weights
Logical connectors
Roles
Truncation
Links
Other:

Avg. no. terms per profile: 5

**VII. MATCHING TECHNIQUE**

- Boolean Logic
- Single term match
- Weights & hit level
- Other:

Negation
Must terms
Percent match

Avg. no. retrievals/user/run: 23

Run frequency: Monthly

**VIII. FORM OF ANNOUNCEMENT**

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**PLEASE ATTACH SAMPLE**

**IX. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Quarterly

Identify the publication that gives the most complete description of current or planned system:

**X. PROFILE UPDATING**

- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

**COMMENTS (Continue on page 2)**

II. IBM 7094 currently used until conversion can be made.

Special Interest Group on SDL, American Society for Information Science
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roger Gudobba</td>
<td>Lafayette Clinic</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>951 E. Lafayette</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Detroit, Michigan 48207</td>
<td></td>
</tr>
</tbody>
</table>

#### I. STATUS OF SYSTEM

- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: **50**
Projected subscriberhip in 6 months:

#### II. PROCESSING MODE

- Computer
  - Mgr./Model: IBM 1800
  - Program language: FORTRAN
- Punched card equipment only
- Primarily manual

#### III. CITATION INPUT

- In-house documents
- Selected external documents
  - From: NATIONAL LIBRARY OF MEDICINE
- Other (use comment block below)

Total number of citations per month: **100**

#### IV. TYPES OF DOCUMENTS

- Reports: **100%**
- Journal articles: **5%**
- Trade magazines: **0%**
- Patents: **0%**
- Other: **0%**

Major broad subject area: **Schizophrenia**

#### V. INDEXING OF CITATIONS

- Thesaurus: **Weights**
- Free terms: **Roles**
- Words in title: **Links**
- Automatic text analysis: **Use**
- Other: **KEY TERMS**

Avg. no. terms per document: **10-15**

#### VI. INDEXING OF PROFILES

- Done by subscriber: **Weights**
- Done by professional indexer: **Logical connectors**
- Other: **Percent match**

Avg. no. terms per profile: **25**

#### VII. MATCHING TECHNIQUE

- Boolean Logic: **Negation**
- Single term match: **Must terms**
- Weights & hit level: **Percent match**
- Other: **ROOT TERMS**

Avg. no. retrievals/user/run: **10-20**
Run frequency: **MONTHLY**

#### VIII. FORM OF ANNOUNCEMENT

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other: **Reprint available from respondent**

#### IX. SUBSCRIBER FEEDBACK

- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: **YES**

Do you provide copies of documents on request: **YES**
Avg. frequency of updating: **MONTHLY**

#### X. PROFILE UPDATING

- By subscriber
  - By indexers
  - Automatic, by subscriber feedback to computer
- Other: **YES**

Identify the publication that gives the most complete description of current or planned system:

"SCHIZOPHRENIA READING MADE EASY" JOURNAL OF DATA MANAGEMENT OCT 66
"LAFAYETTE CLINIC SDI SYSTEM" IBM COMMON MEETING PHILADELPHIA SEPT 66
Reprint available from respondent: **YES**

Copies or reprints of all articles entered into the system are obtained either from the author or the WSU Medical Library. The system was implemented in 1965. However, the MEDLARS information went back to mid-1963 and we currently have 6,000 articles on file. This is one of the most complete accumulation of literature on schizophrenia in the world. FUTURE PLANS: Program originally written for an IBM 1620. Currently being converted to IBM 1800.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMITH, G. L., MISS</td>
<td>INFORMATION RESEARCH GROUP</td>
</tr>
<tr>
<td>Phone AREA CODE: 415</td>
<td>BLDG. 50B RH. 4206</td>
</tr>
<tr>
<td>AREA CODE: 643-2740</td>
<td>LAWRENCE Radiation Laboratory</td>
</tr>
<tr>
<td>EXT. 16308</td>
<td>BERKELEY, CALIF. 94720</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational: 60
- Pilot operation
- Planning stage
- Present no. of subscribers: 70 +
- Individuals: 0
- Small groups: 0
- Organizations: 0
- Projected subscribership in 6 months: 70 +

**II. PROCESSING MODE**
- CONTROL DATA 6600
- Computer
- Mgr./Model: CONTROL DATA 6600
- Program language: FORTRAN IV
- Punch card equipment only
- Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape:
  - From: AEC OAK RIDGE, TN.
- Other (see comment block below)

**IV. TYPES OF DOCUMENTS**
- Major broad subject area: Nuclear Science
- Reports: 63 %
- Trade magazines: 3 %
- Patents: 2 %
- Other: 1%

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: 0

**VI. INDEXING OF PROFILES**
- Avg. no. terms per profile: 50
- Major broad subject area: Nuclear Science
- Done by subscriber
- Done by professional indexer

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Single term match
- Weights & hit level
- Other: 0

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stub
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other: 0

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: 0

**X. PROFILE UPDATING**
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

**COMMENTS (Continue on page 2)**

Reprint available from respondent: NO

**Identify the publication that gives the most complete description of current or planned system:**
CURRENT RESEARCH & DEVELOPMENT IN SCIENTIFIC DOCUMENTATION NO. 1A
pp. 390-391

**Reprint available from respondent: NO**

Special Interest Group on SDI, American Society for Information Science

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COMMENTS (continued)

The AMERICAN THEAURUS is the basic term authority for indexing, however, new terms are continuously added by the Nuclear Science Abstracts staff at Oak Ridge, Tenn. LRL programs update the "selector" (term) authority tape, and provide a current frequency count listing in both alphabetic order, and in descending order of frequency.

The LRL SDI programs can search for descriptive cataloging information such as language, corporate code, country of affiliation, and CODEN, as well as the selectors on the authority file. Current tapes are being accumulated for retrospective searching.

Users who return all their evaluation sheets are rewarded with a Keyword-Plus-Title (KNPT) index of items they found of interest. These can be provided annually, or at any interval requested by the user.

FUTURE PLANS

1. Development of algorithms for automatic updating of profiles following receipt of user feedback sheet.

2. Study of file organizations for retrospective searches and for use in on-line queries by console.

If cost data on system is available, please check here. X
### Name of Respondent
Louise C. Lage

### Organization & Address
Scientific Library
ELI LILLY AND COMPANY
P. O. Box 618
Indianapolis, Indiana 46206

### I wish to receive copies of all responses.
(You may check even if you don’t complete form.)

### 1. STATUS OF SYSTEM
- **Computer operation:** Operational
- **Planning stage:**
- **Present no. of subscribers:** 107
- **Individuals:**
- **Small groups:**
- **Organizations:**
- **Projected subscribership in 6 months:** 120

### 2. PROCESSING MODE
- **Computer:** IBM 360/60
- **Mfr./Model:**
- **Program language:** Assembler
- **Punched card equipment only:**
- **Primarily manual:**

### 3. CITATION INPUT
- **In-house documents:**
- **External tape:**
- **External data:**
- **Type:**
- **Number of citations per month:** 20,000
- **Total number of citations per month:**
- **Other (use comment block below):**

### 4. TYPES OF DOCUMENTS
- **Reports:**
- **Journal articles:**
- **Trade magazines:**
- **Patents:**
- **Other:**

### 5. INDEXING OF CITATIONS
- **Thesaurus:**
- **Free terms:**
- **Words in title:**
- **Automatic text analysis:**
- **Other:**
- **Average no. terms per document:**
- **Index-d in-house:**

### 6. INDEXING OF PROFILES
- **Done by subscriber:**
- **Done by professional indexer:**
- **Weights:**
- **Logical connectors:**
- **Truncation:**
- **Links:**
- **Other:**
- **Average no. terms per profile:** 10

### 7. MATCHING TECHNIQUE
- **Boolean Logic:**
- **Negation:**
- **Must terms:**
- **Percent match:**
- **Other:**
- **Average no. retrievals/user/month:** 80
- **Run frequency:** weekly

### 8. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs:**
- **Reproduced abstracts:**
- **Reproduced documents:**
- **Other:**
- **Computer printout (paper):**

### 9. SUBSCRIBER FEEDBACK
- **By questionnaire:**
- **Interviews:**
- **User evaluation of each citation:**
- **Orders for documents:**
- **Other:**
- **Spec1 Interest Group on SDI, American Society for Information Science

### 10. PROFILE UPDATING
- **By subscriber:**
- **By indexer** (Subscriber initiated)
- **Automatic, by subscriber feedback to computer:**
- **Other:** 6mo. (weekly possible)
- **Avg. frequency of updating:**

### Identify the publication that gives the most complete description of current or planned system:

### SPECIAL INTEREST GROUP ON SDI, AMERICAN SOCIETY FOR INFORMATION SCIENCE

Special Interest Group on SDI, American Society for Information Science.
**SDI SYSTEM FACT SHEET**

**Name of Respondent**: MARC UERE K. MORA

**Organisation & Address**: M&T CHEMICALS INC.

**Box 1104**

**RAHWAY, N.J. 07065**

I. STATUT OF SYSTEM

- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: **150 - 200**

Individually  Small groups  Organizations

Projected subscriberhip in 6 months:

II. PROCESSING MODE

- Computer
- Mfr./Model
- Program language

Wish to receive copies of all responses.

(You may check even if you don't complete form.)

III. CITATION INPUT

- In-house documents
- Selected external documents
- External tape

From:
- Other (use comment block below)

Total number of citations per month:

IV. TYPES OF DOCUMENTS

- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area:

- ORGANOMETALLIC C. OF CERAIN METALS

V. INDEXING OF CITATIONS

- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Weights  Roles

Avg. no. terms per document:

Indexed in-house:

VI. INDEXING OF PROFILES

- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile:

VII. MATCHING TECHNIQUE

- Boolean Logic
- Single term match
- Must terms
- Weights & hit level
- Percent match
- Other:

Avg. no. retrievals/user/run:

Run frequency:

VIII. FORM OF ANNOUNCEMENT

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK

- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request?

Yes

Avg. frequency of updating:

X. PROFILE UPDATING

- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent:

COMMENTS (Continue on page 2)

**Special Interest Group on SDI, American Society for Information Science**

72
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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<tbody>
<tr>
<td>Nina W. Matheson, ML</td>
<td>Missouri Institute of Psychiatry, 5400 Arsenal St., St. Louis, Mo. 63130</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

#### I. STATUS OF SYSTEM
- **Operational**
- **Pilot operation**
- **Planning stage**

- **Present no. of subscribers**: 345
- **Individuals** ☑
- **Small groups** ☑
- **Organisations** ☑

**Projected subscription in 6 months**: SAME

#### II. PROCESSING MODE
- **Computer**
- **Mfg./Model**: IBM 1720
- **Program language**: FORTRAN
- **Punch card equip. (tape only)**
- **Primarily manual**

#### III. CITATION INPUT
- **In-house documents**
- **Selected external documents**
- **External tape**
- **Other (use comment block below)**

**Total number of citations per month**: ______

#### IV. TYPES OF DOCUMENTS
- **Reports** ☑
- **Journal articles** 50%
- **Trade magazines** ☑
- **Letters** ☑
- **Other** 50%

**Abstracts, book reviews**

**Major broad subject area**: Psychiatry

#### V. INDEXING OF CITATIONS
- **Thesaurus**
- **Free terms**
- **Words in title**
- **Automatic text analysis**
- **Other**

**Avg. no. terms per document**: ______

Indexed in-house? **YES**

#### VI. INDEXING OF PROFILES
- **Done by subscriber**
- **Done by professional indexer**

**Using**:
- **Weights**
- **Roles**
- **Truncation**
- **Links**
- **Other**

**Avg. no. terms per profile**: 11

#### VII. MATCHING TECHNIQUE
- **Boolean Logic**
- **Single term match**
- **Weights & hit level**
- **Other**

**Avg. no. retrievals/user/run**: ______

**Run frequency**: once week

#### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs**
- **Computer printout (paper)**
- **Reproduced abstracts**
- **Reproduced documents [face pleases attache sheets]**
- **Other**: SAMPLE

#### IX. SUBSCRIBER FEEDBACK
- **Questionnaire**
- **Interviews**
- **User evaluation of each citation**
- **Orders for documents**
- **Other**

Do you provide copies of documents on request? **YES**

**Avg. frequency of updating**: ______

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? __________

#### COMMENTS (Continue on page 2)

Individual items are not directed to each individual subscriber. Instead, items are gathered into booklets by topic, and an index sheet for each booklet is prepared which serves as feedback mechanism.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.P. BRADLEY</td>
<td>Nasa Manned Spacecraft Center</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

**Phone Area 713**<br>483-2195

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Computer</td>
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<tr>
<td></td>
<td>Univac 1108</td>
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**Present no. of subscribers:** 1150<br>**Individuals:** Small group<br>**Organisations:**

<table>
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<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Reports 60%</td>
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<tr>
<td></td>
<td>Journal articles 25%</td>
</tr>
<tr>
<td></td>
<td>Trade magazines 5%</td>
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<tr>
<td></td>
<td>Other 10%</td>
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</table>

**External tags:**

**From:** NASA HEADQUARTERS

| Total number of citations per month: 30,000 |

**V. INDEXING OF CITATIONS**

<table>
<thead>
<tr>
<th>Avg. no. of terms per document</th>
</tr>
</thead>
</table>

| Indexed in-house | YES |

| Avg. no. terms per profile: 30 |

| VIII. FORM OF ANNOUNCEMENT |

|Card with machine-readable stubs |

|Computer printout (paper) |

| Reproduced abstracts |

| Reproduced documents |

| Other: |

| IX. SUBSCRIBER FEEDBACK |

|Questaional s |

|Interviews |

|User evaluation of each citation |

|Orders for documents |

|Other: |

|Do you provide copies of documents on request? YES|

| Avg. frequency of updating: MONTHLY |

| X. PROFILE UPDATING |

| By subscriber |

| By indexer |

|Automatic, by subscriber feedback to computer |

|Other: |

|Identify the publication that gives the most complete description of current or planned system: |

|M5C-8M-MR-66-0|

|An Active Mode of Operation - Management of Aerospace Knowledge Tailored for the User, By C.M. Grant, Jr. & J.M. Sturt, Nasa Manned Spacecraft Center, Sept. 1966|

|Reprint available from respondent? YES|

|COMMENTS (Continue on page 2)|

|Program includes unique coordination of retrospective searches and SDL program for individual as described in NASA-7M-X-58024, pages 109-123.|

|Cost data on system is available. |

Special Interest Group on SDL, American Society for Information Science.
## SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. WOTERS</td>
<td>NATIONAL SCIENCE LIBR., NATIONAL RESEARCH COUNCIL 100 CUSSEY DRE. OTTAWA ONT.</td>
<td>☑️ (You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

- Present no. of subscribers: 200
- Projected subscription in 6 months: 400

### II. PROCESSING MODE
- Computer
- Mgr. / Model
- Program language
- Punch card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- From: ___________ (Indicate)
- Other (use comment block below)

- Total number of citations per month: ___________

### IV. TYPES OF DOCUMENTS
- Reports ___
- Journal articles ___
- Trade magazines ___
- Patents ___
- Other ___________

Major broad subject areas:

### V. INDEXING OF CITATIONS
- Measures
- Free terms
- Words in title
- Automatic text analysis
- Other:

- Avg. no. terms per document: ___________

- Indexed in-house? ___________
- Non-

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
- Using:
  - Weights
  - Logical connectors
  - Roles
  - Translation
  - Links
  - Other:

- Avg. no. terms per profile: 50

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Weights & hit level
- Percent match

- Avg. no. retrievals/user/run: 20
- Run frequency: 52

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readableuba
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

Please attach sample

### IX. SUBSCRIBER FEEDBACK
- Questions, re
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

- Do you provide copies of documents on request? Yes

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

- Avg. frequency of updating: ___________

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

COMMENTS (Continue on page 2)

---

Special Interest Group on SDI, American Society for Information Science
## SF MARTIN FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
<th>(You may check even if you don't complete form.)</th>
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<tr>
<td>Catherine C. Lyon</td>
<td>U.S. Naval Weapons Lab.</td>
<td></td>
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<td>Dahlgren, Va. 22448</td>
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<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
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<tbody>
<tr>
<td>Operations</td>
<td>Computer</td>
</tr>
<tr>
<td>Pilot operation</td>
<td>Mgr./Model</td>
</tr>
<tr>
<td>Planning stage</td>
<td>Program language</td>
</tr>
<tr>
<td>Present no. of subscribers: 136</td>
<td>Punchcard equipment only</td>
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<tr>
<td>Individuals</td>
<td>Computer</td>
</tr>
<tr>
<td>Small groups</td>
<td>Primarily manual</td>
</tr>
<tr>
<td>Organizations</td>
<td>Raw GABs + Scans</td>
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<td>Projected subscribers in 6 months: 200</td>
<td>Manual, Dist.</td>
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<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
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<tr>
<td>In-house documents</td>
<td>Reports</td>
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<td>Selected external documents</td>
<td>Journal articles</td>
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</tr>
<tr>
<td>Other</td>
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<tr>
<td>(see comment block below)</td>
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<th>V. INDEXING OF CITATIONS</th>
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<tr>
<td>Thesaurus</td>
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<td>Free terms</td>
<td>Done by professional indexer</td>
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<td>Words in title</td>
<td>Using:</td>
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<td>Automatic text analysis</td>
<td>Weight</td>
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<td>Other</td>
<td>Logical connectors</td>
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<td>Truncation</td>
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<td>Other</td>
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<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
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<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Weights &amp; hit level</td>
<td>Reproduced documents</td>
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<tr>
<td>Other</td>
<td>Other:</td>
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<tr>
<td>Avg. no retrievals/user/run: 2</td>
<td>Attach SAMPLE</td>
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<th>X. PROFILE UPDATING</th>
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<tr>
<td>Questionnaire</td>
<td>By subscriber</td>
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<td>Interviews</td>
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<td>User evaluation of each citation</td>
<td>to computer</td>
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<td>Orders for documents</td>
<td>Other</td>
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<tr>
<td>Other</td>
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<tr>
<td>Do you provide copies of documents on request: Yes</td>
<td>Avg. frequency of updating: 2 weekly</td>
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</table>

Identify the publication that gives the most complete description of current or planned system: None.

Reprint available from respondent:

COMMENTS (Continue on page 2)

Since DDC at NASA produce the largest portion of formal reports we house by contract of interest to a Weapons Laboratory to field it is ridiculous that we go to the expense of an SDI Program based upon the 28317630 Computer Storage & Retrieval Program. Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

It takes 4-6 weeks to add data to the CURBS + SCAN. It would take just as long to answer requests if we had our own computerized SDD. We receive automatic microfilm data from DDC and complete microfilm data from NASA. By placing portable readers with every 4-5 people the user receives a microfilm copy at least a month ahead of any other way of obtaining reports. In addition the open literature (OAR) of NASA furnishes Xerox copies of proceedings at least a year ahead of formal publication.

FUTURE PLANS

Hope to economically include Cleaningroom Use reports in system.

If cost data on system is available, please check here.
## SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
</tr>
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</table>
                          U. Conn., Storrs, Conn. 06269 |

<table>
<thead>
<tr>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>(203) 429-6616</td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

**Present no. of subscribers:**
- Individuals
- Small groups
- Organisations

**Projected subscription in 6 months:**

### II. PROCESSING MODE
- Computer
- Program language: TBM 1130
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape:
  - From: NASA
  - Other (use comment block below)

**Total number of citations per month:**

### IV. TYPES OF DOCUMENTS
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

**Major broad subject area:**

### V. INDEXING OF CITATIONS
- Thesaurus
- F-t re terms
- Weight
- Role
- Automatic text analysis
- Other:

**Avg. no. terms per document:**

**Indexed in-house:**

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

**Using:**
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

**Avg. no. terms per profile:**

### VII. MATCHING TECHNIQUE
- Boolean logic
- Negation
- Single term match
- Multiple terms
- Weights & hit level
- Percent match
- Other:

**Avg. no retrievals/user/run:**

**Run frequency:**

### VIII. FORM OF ANNOUNCEMENT
- Output with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**PLEASE ATTACH SAMPLE**

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

**Do you provide copies of documents on request?**

**Avg. frequency of updating:**

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

**Identify the publication that gives the most complete description of current or planned system:**

**Reprint available from respondent?**

### COMMENTS (Continue on page 2)

---

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

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<thead>
<tr>
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<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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<tr>
<td>Gordon N. Pond (C15)</td>
<td>North American Rockwell Corp.</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td>Research &amp; Engineering Office</td>
<td>1700 East Imperial Highway, El Segundo, California 90245</td>
<td></td>
</tr>
<tr>
<td>(213) 647-5661</td>
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<td>Computer</td>
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<td>Pilot operation</td>
<td>IBM 360, Mod. 50</td>
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<tr>
<td>Planning stage</td>
<td>Program language</td>
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<tr>
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<tr>
<td>Individuals</td>
<td>Punched card equipment only</td>
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<td>Small groups</td>
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<td>Organisations</td>
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<td>Projected subscribership in 6 months:</td>
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<th>IV. TYPES OF DOCUMENTS</th>
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<td>Selected external documents</td>
<td>Journal articles: 25%</td>
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<td>External tape</td>
<td>Trade magazines: 25%</td>
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<td>From:</td>
<td>Patents:</td>
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<td>Other (use comment block below)</td>
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<td>Total number of citations per month: 8,000</td>
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<th>VIII. FORM OF ANNOUNCEMENT</th>
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<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Weights &amp; hit level</td>
<td>Reproduced abstracts</td>
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<tr>
<td>Other:</td>
<td>Reproduced documents</td>
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<td>Avg. no. retrievals/user/run: 8</td>
<td>Other:</td>
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<td>Run frequency: Weekly</td>
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<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
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<tbody>
<tr>
<td>Questionnaire</td>
<td>By subscriber</td>
</tr>
<tr>
<td>Interviews</td>
<td>By indexer</td>
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<tr>
<td>User evaluation of each citation</td>
<td>Automatic, by subscriber feedback</td>
</tr>
<tr>
<td>Orders for documents</td>
<td>to compute</td>
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<tr>
<td>Other:</td>
<td>Other</td>
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<tr>
<td>Avg. frequency of updating:</td>
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Identify the publication that gives the most complete description of current or planned system:

**Not available**

**COMMENTS (Continue on page 2)**

*Special Interest Group on SDI, American Society for Information Science*
## I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 50
Individuals: 50
Small groups: 0
Organizations: 0
Projected subscribership in 6 months: 65

## II. PROCESSING MODE
- Computer
  - Mfr./Model: IBM System 360
  - Program language: Fortran
- Punch card equipment only
- Primarily manual

## III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
  - From: NASA STID
- Other (use comment block below)

Total number of citations per month: 10,000

## IV. TYPES OF DOCUMENTS
- Reports 50%
- Journal articles 50%
- Trade magazines 0%
- Patents 0%
- Other 0%

Major broad subject area: Science/Engineering

## V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: 8
Indexed in-house: No

## VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectives
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile: 36

## VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:

Avg. no. retrievals/user/run: 25
Run frequency: bi-monthly

## VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

## IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? Yes
Avg. frequency of updating: Quarterly

## X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

## Comments (Continue on page 4)
Future plans include procuring and incorporating other indexed and taped science and technology systems into our program. Additionally, to transfer stored information onto disc pack for faster random access searching.

Cost data is available.
SDI SYSTEM FACT SHEET

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<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
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<tr>
<td>P. J. Chenery, Director</td>
<td>N. C. Science &amp; Technology Research Center</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td>Phone</td>
<td>919 549-8291</td>
<td></td>
</tr>
<tr>
<td>P. O. Box 12235</td>
<td>Research Triangle Park, N. C. 27709</td>
<td></td>
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I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
Present no. of subscribers: 50
Individuals: 50
Small groups: 0
Organisations: 0
Projected subscribeship in 6 months: 50

II. PROCESSING MODE
- Computer
  - Mgr./Model: IBM 360 Model 75
  - Program language: FORTRAN/ASSEMBLER
- Punching card equipment only
  - Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
  - External tape
- External: NASA, DDC, ITT
  - Other (use comment block below)
Total number of citations per month: ___________

IV. TYPES OF DOCUMENTS
- Reports: 50 %
- Journal articles: 50 %
- Trade magazines: 0 %
- Patents: 0 %
- Other: 0 %

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:
Avg. no. terms per document: 8-10
Indexed in-house? no

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
Using:
- Weights
- Logical correctors
- Roles
- Truncation
- Links
- Other:
Avg. no. terms per profile: 15

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:
Avg. no retrievals/user/run: 25
Run frequency: monthly

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
Do you provide copies of documents on request? YES
Avg. frequency of updating: annual

X. PROFILE UPDATING
- by subscriber
- by indexer
- Automatic, by subscriber feedback to computer
- Other:

Identify the publication that gives the most complete description of current or planned system:

COMMENTS (Continue on page 2) Tapes provided by NASA, DDC, and Institute of Textile Technology are converted to separate inverted files containing index terms and accession number only. Files are stored on direct access disk and are used both for current awareness and retrospective searching. Abstracts are reproduced from card files. Future plans to add computer files of titles and authors depend on additional direct access storage.

Special Interest Group on SDI, American Society for Information Science: Cost data is available.

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**SDI SYSTEM FACT SHEET**

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<th>Organization &amp; Address</th>
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<tr>
<td>J. R. Buchanan</td>
<td>Nuclear Safety Information Center, Oak Ridge National Laboratory, F. O. Box Y, Oak Ridge, Tennessee</td>
<td>☐ (You may check even if you don't complete form.)</td>
</tr>
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**Phone**

615-483-8611 Ext. 3-725

---

**I. STATUS OF SYSTEM**

- Operational
- Pilot operation
- Planning stage

- Present no. of subscribers: 1500
- Individuals: ☐
- Small groups: ☐
- Organizations: ☐
- Projected subscription in 6 months: 1700

**Il. PROCESSING MODE**

- Computer
- "System" (Model: 15M-
- Program language: COBOL
- Punched card equipment only
- Primarily manual

**III. CITATION INPUT**

- In-house documents
- Selected external documents
- External tape
- From:
- Other (use comment block below)

- Total number of citations per month: 800

**IV. TYPES OF DOCUMENTS**

- Reports: 57%
- Journal articles: 34%
- Trade magazines: 8%
- Patents: 2%
- Other: 7%

**V. INDEXING OF CITATIONS**

- The sources:
- Free terms:
- Words in title:
- Automatic text analysis:
- Other:

- Avg. no. terms per document:
- Indexed in-house: ☐

**VI. INDEXING OF PROFILES**

- Done by subscriber
- Done by professional indexer

- Using:
  - Weights
  - Logical connectors
  - Roles
  - Links
  - Other categories:

- Avg. no. terms per profile: 5

**VII. MATCHING TECHNIQUE**

- Boolean logic:
- Single term match
- Weights & hit level
- Other:

- Avg. no. retrievals/user/run:
- Avg. frequency: Daily

**VIII. FORM OF ANNOUNCEMENT**

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

- Please attach sample

---

**IX. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interviews
- Letter evaluation of each citation
- Orders for documents
- Other:

- Do you provide copies of documents on request? ☐

**X. PROFILE UPDATING**

- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

- Avg. frequency of updating:

**Identify the publication that gives the most complete description of current or planned system:**


Reprint available from respondent? Yes

**COMMENTS** (Continue on page 2)

---

Special Interest Group on SDI, American Society for Information Science

82
**SDI SYSTEM FACT SHEET**

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<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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<tbody>
<tr>
<td>Mrs. Elizabeth P. Hartner</td>
<td>Knowledge Availability Systems Center</td>
<td>F</td>
</tr>
<tr>
<td></td>
<td>University of Pittsburgh</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>LIS Building</td>
<td></td>
</tr>
<tr>
<td></td>
<td>135 N. Bellefield Avenue</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittsburgh, Pennsylvania</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15213</td>
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**Phone**

521-3500 Ext. 498

---

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers:

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<tr>
<th>Type of subscriber</th>
<th>Number</th>
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<td>Individuals</td>
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<td>Organizations</td>
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Projected subscribers in 6 months: 60

### II. PROCESSING MODE

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<th>IBM/7090</th>
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<tr>
<td>Program language</td>
<td>MAD, ALGOL, FORTRAN</td>
</tr>
</tbody>
</table>

- Punch card equipment only
- Primarily manual

---

### III. CITATION INPUT

- Only-house documents
- Selected external documents
- External tape

From: NASA

| Other (use comment block below) | N/A     |

Total number of citations per month: 5,500

---

### IV. TYPES OF DOCUMENTS

- Reports: 50%
- Journal articles: 30%
- Trade magazines: 20%
- Patents: 5%
- Other: 0%

Major broad subject area: Engineering and Science

---

### V. INDEXING OF CITATIONS

- Thesaurus: Yes
- Free terms: No
- Words in title: Yes
- Automatic text analysis: Yes
- Other: None

Avg. no. terms per document: 9

Indexed in-house? Yes

---

### VI. INDEXING OF PROFILES

- Done by subscriber: 80%
- Done by professional indexer: 20%

Using:

- Weights: 60%
- Logical connectors: 40%
- Indexes: 40%
- Truncation: 60%
- Links: 60%
- Other: 40%

Avg. no. terms per profile: 12

---

### VII. MATCHING TECHNIQUE

- Boolean logic: Yes
- Single term match: Yes
- Words & hit level: Yes
- Others: None

Avg. no. retrievals/user/run: 30

Run frequency: Monthly

---

### VIII. FORM OF ANNOUNCEMENT

- Cards with non-readable strips: Yes
- Computer printout (paper): Yes
- Reproduced abstracts: Yes
- Reproduced documents: Yes
- Other: No

---

### IX. SUBSCRIBER FEEDBACK

- Questionnaire: No
- Interviews: No
- User evaluation of each citation: Yes
- Orders for documents: Yes
- Other: No

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Every three months

---

### X. PROFILE UPDATING

- By subscriber: Yes
- By indexer: No
- Automatic, by subscriber feedback to computer: Yes
- Other: No

---

**FUTURE PLANS:** Plans are now being formulated to include searching of Chemical Abstracts Citations on a current awareness basis.

Special Interest Group on SDI, American Society for Information Science

---

Coments (Continue on page 2)

4th Annual Report: The Space and Technology Transfer Program, E. Howie

NASA CR 95708

Reprint available from respondent? No
**SDI SYSTEM FACT SHEET**

### Name of Respondent

W. B. Mc Birney

### Organisation & Address

Bureau of Reclamation  
Office of Engineering Reference  
Building 67, Denver Federal Center  
Denver, Colorado 80225

### 1. STATUS OF SYSTEM

- **Computer:**  
  - Mfr./Model: Honeywell 600/200  
  - Program language: COBOL

### 2. PROCESSING MODE

- **Individual:**  
  - Small group:  
  - Organizations

### 3. CITATION INPUT

- Present no. of subscribers: 2000  
- Projected subscribership in 6 months: 1000

### 4. TYPES OF DOCUMENTS

- Reports: 22%  
- Journal articles: 44%  
- Trade magazines:  
- Patents

### 5. INDEXING OF CITATIONS

- **Thesaurus:**  
  - Free terms:  
  - Words in title
  - Automatic text analysis:  
  - Other:

### 6. INDEXING OF PROFILES

- **Weighs:**  
  - Logical connectors:  
  - Truncation

### 7. MATCHING TECHNIQUE

- **Boolean Logic:**  
  - Single term match:  
  - Weights & hit level:  
  - Other:

### 8. FORM OF ANNOUNCEMENT

- Cards with machine-readable stubs:  
- Computer printout (paper)

### 9. SUBSCRIBER FEEDBACK

- **Questionnaire:**  
  - Interviews
  - User evaluation of each citation
  - Orders for documents
  - Other:

### 10. PROFILE UPDATING

- **By subscriber:**  
  - By indexer
  - Automatic, by subscriber feedback
  - Other:

### Comments (Continue on page 2)

Reclamation's SDI system is unique in that it serves a large user population distributed over a wide geographical area, with a highly selected document input. Users' interests are broad and the documents selected for SDI treatment are carefully chosen for current interest. Distribution of hard copy of the documents over a wide geographical area is another unique aspect.

Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

feature of the system.

FUTURE PLANS

Reclamation's SDI system is currently being adapted as a basis for a Selected Dissemination of Information service inaugurated by the Water Resources Scientific Information Center of the Department of the Interior in 1968. This service is available to selected Federal Government employees and personnel associated with state Water Resources Institutes. The service is managed by a WRSIC Operating Facility, Bureau of Reclamation, Denver. Initial SDI service was started in January and is being expanded rapidly.

If cost data on system is available, please check here.
SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent:</th>
<th>Earle A. Paxton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation &amp; Address:</td>
<td>Library - 8232</td>
</tr>
<tr>
<td></td>
<td>Sandia Laboratories</td>
</tr>
<tr>
<td></td>
<td>P. O. Box 969</td>
</tr>
<tr>
<td></td>
<td>Livermore, California 94550</td>
</tr>
<tr>
<td>I wish to receive copies of all responses:</td>
<td>Yes</td>
</tr>
<tr>
<td>(You may check even if you don't complete form.)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>Operational</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot operation</td>
<td>Planning stage</td>
</tr>
<tr>
<td>Present no. of subscribers:</td>
<td>49</td>
</tr>
<tr>
<td>Individuals</td>
<td>Small groups</td>
</tr>
<tr>
<td>Projected subscribership in 6 months:</td>
<td>60</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II. PROCESSING MODE</th>
<th>Computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mfg./Model</td>
<td>CDC 3600</td>
</tr>
<tr>
<td>Program language</td>
<td>COMPL</td>
</tr>
<tr>
<td>Punched card equipment only</td>
<td></td>
</tr>
<tr>
<td>Primarily manual</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>In-house documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selected external documents</td>
<td></td>
</tr>
<tr>
<td>External tape (within next 3 months)</td>
<td></td>
</tr>
<tr>
<td>From: Pandex</td>
<td></td>
</tr>
<tr>
<td>JAnFq &amp; Deve Tapes in Cards</td>
<td></td>
</tr>
<tr>
<td>Total number of citations per month:</td>
<td>910+</td>
</tr>
<tr>
<td>Those not include external tape</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IV. TYPES OF DOCUMENTS</th>
<th>Reports 67%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journal articles</td>
<td>Trade magazines</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Major broad subject area:</td>
<td>Engineering R&amp;D</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>Thesaurus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free terms</td>
<td>Roles</td>
</tr>
<tr>
<td>Words in title</td>
<td>Links</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Avg. no. terms per document:</td>
<td>12</td>
</tr>
<tr>
<td>Indexed in-house: Year</td>
<td></td>
</tr>
<tr>
<td>Not including external: 650 Journal Cards</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VI. INDEXING OF PROFILES</th>
<th>Done by subscriber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Done by professional indexer</td>
<td></td>
</tr>
<tr>
<td>Using:</td>
<td></td>
</tr>
<tr>
<td>Weights</td>
<td>Logical connectors</td>
</tr>
<tr>
<td>Roles</td>
<td>Truncation</td>
</tr>
<tr>
<td>Links</td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Avg. no. terms per profile:</td>
<td>72</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>Boolean Logic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single term match</td>
<td>N. C. term</td>
</tr>
<tr>
<td>Weights &amp; hit level</td>
<td>Percent match</td>
</tr>
<tr>
<td>Other:</td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Avg. no retrievals/user: 5</td>
<td></td>
</tr>
<tr>
<td>Run frequency: Reports &amp; External tape: weekly; Books: Bi-monthly</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VIII. FORM OF ANNOUNCEMENT</th>
<th>Cards with machine-readable stubs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td></td>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td></td>
<td>Reproduced documents</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td>Please attach sample</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>Questionaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interview</td>
<td>User evaluation of each citation</td>
</tr>
<tr>
<td></td>
<td>Orders for documents</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td>Do you provide copies of documents on request?</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Avg. frequency of updating:</td>
</tr>
<tr>
<td></td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X. PROFILE UPDATING</th>
<th>By subscriber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dby indexer</td>
<td>Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Identify the publication that gives the most complete description of current or planned system:</td>
<td>In publication</td>
</tr>
<tr>
<td>Reprint available from respondent?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMMENTS (Continue on page 2)</th>
</tr>
</thead>
</table>

Cost data is available, including development, testing, and machine processing, but not profile maintenance.

Special Interest Group on SDI, American Society for Information Science 86
**SDI SYSTEM FACT SHEET**

| Name of Respondent | Organisation & Address |愿望收到所有问卷的副本
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. P.S. Davidson</td>
<td>Scientific Documentation Center, Dunfermline, Fife, U.K.</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

**Present no. of subscribers:**

**Projected subscribership in 6 months:**

**II. PROCESSING MODE**
- Computer:
  - Mgr./Model: Available bit
  - Program language: Not used for PDP

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape

**IV. TYPES OF DOCUMENTS**
- Reports 10%
- Journal articles: 70%
- Trade magazines: 5%
- Patents: 5%
- Other: 10%

**V. INDEXING OF CITATIONS**
- Thesaurus: Yes
- Free terms: Yes
- Words in title: Yes
- Automatic text analysis: Yes

**VI. INDEXING OF PROFILES**
- Done by subscriber: Yes
- Done by professional indexer: No

**VII. MATCHING TECHNIQUE**
- Boolean Logic: Yes
- Single term match: Yes
- All weights at bit level: Yes
- Percent match: Yes
- Other: No

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs: Yes
- Computer printout (paper): Yes
- Reproduced abstracts: Yes
- Reproduced documents: Yes
- Other: No

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire: Yes
- Interviews: Yes
- User evaluation of each citation: Yes
- Orders for documents: Yes
- Other: No

**X. PROFILE UPDATING**
- By subscriber: Yes
- By indexer: Yes
- Automatic, by subscriber feedback to computer: Yes
- Other: No

**COMMENTS**

**Identify the publication that gives the most complete description of current or planned system:**

To be written in own line.

**Do you provide copies of documents on request?** Yes

**Avg. frequency of updating:** 6 per month.

**Special Interest Group on SDI, American Society for Information Science**
## SDI SYSTEM FACT SHEET

### Name of Respondent
**CHARLES R SAGE**

<table>
<thead>
<tr>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHARE RESEARCH CORP</td>
<td>☑</td>
</tr>
<tr>
<td>370 S STATE STREET</td>
<td></td>
</tr>
<tr>
<td>SANTA BARBARA, CALIF 93105</td>
<td></td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational: ☑
- Pilot operation: ☐
- Planning stage: ☐

#### Present no. of subscribers:
- 600

#### Projected subscriberhip in 6 months:
- 600

### II. PROCESSING MODE
- Computer: ☑
- Mfr./Model: IBM 360/67
- Program language: COBOL
- Punch card equipment only: ☐
- Primarily manual: ☐

### III. CITATION INPUT
- In-house documents: ☑
- Selected external documents: ☑
- External tape: ☐

| From: | ☐
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ ESE</td>
<td>☐</td>
</tr>
</tbody>
</table>

#### Total number of citations per month:
- 30,000

### IV. TYPES OF DOCUMENTS
- Reports: 30 %
- Journal articles: 40 %
- Trade magazines: 10 %
- Patents: 10 %
- Other: 10 %

#### Major broad subject area:
- [ ]

### V. INDEXING OF CITATIONS
- Thesaurus: ☐
- Free terms: ☑
- Words in title: ☑
- Automatic text analysis: ☑

- [ ] Other (see comment block below)

#### Avg. no. terms per document:
- I10

#### Indexed in-house? ☑

### VI. INDEXING OF PROFILES
- Thesaurus: ☑
- Done by professional indexer: ☑

#### Using:
- Weights: ☑
- Logical connectors: ☑
- Truncation: ☑
- Links: ☑

#### Other:
- [ ]

#### Avg. no. terms per profile: 110

### VII. MATCHING TECHNIQUE
- Boolean Logic: ☑
- Single term match: ☑
- Must terms: ☑
- Percent match: ☑

#### Other:
- [ ]

#### Avg. no. retrievals/user/run:
- 20

#### Avg. frequency: 5 times/month

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs: ☑
- Computer printout (paper): ☑
- Reproduced abstracts: ☑
- Reproduced documents: ☐

#### Other:
- [ ]

### IX. SUBSCRIBER FEEDBACK
- Questionnaire: ☐
- Interviews: ☐
- User evaluation of each citation: ☐

#### Orders for documents:
- ☐

#### Other: AUTOMATIC FEEDBACK

#### Do you provide copies of documents on request?
- Yes

#### Avg. frequency of updating:
- WEEKLY

### X. PROFILE UPDATING
- By subscriber: ☐
- By indexes: ☐
- Automatic, by subscriber feedback to computer: ☑

#### Other:
- [ ]

### Identity the publication that gives the most complete description of current or planned system:

#### Reprint available from respondent?
- No

### COMMENTS (Continue on page 2)

---

Special Interest Group on SDI, American Society for Information Science
## SDI System Fact Sheet

### Name of Respondent
Carol F. Gerity

### Organisation & Address
Squibb Institute for Medical Research  
5 Georges Road  
New Brunswick, N.J. 08903

### I. Status of System
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 10

- Individuals
- Small groups
- Organizations

Projected subscribership in 6 months:

### II. Processing Mode
- Computer
- Mfg./Model
- Program language

- Punch card equipment only
- Primarily manual

### III. Citation Input
- In-house documents
- Selected external documents
- External tape

- Other (use comment block below)

Total number of citations per month: ca 300

### IV. Types of Documents
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area: Pharmaceuticals

### V. Indexing of Citations
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other

Avg. no. terms per document: 6

Indexed in-house: Yes

### VI. Indexing of Profiles
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Rules
- Truncation
- Links
- Other

Avg. no. terms per profile: 5

### VII. Matching Technique
- Boolean Logic
- Single term match
- Logical connectors
- Weight & hit level
- Percent match
- Other

Avg. no. retrievals/user/month: 10

Run frequency: Semi-monthly

### VIII. Form of Announcement
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

3x5 card

### IX. Subscriber Feedback
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request? Yes

Avg. frequency of updating: 6 mos.

Identify the publication that gives the most complete description of current or planned system:

We also subscribe to ASCA service of ISI. We have 17 profiles which are routed to 27 people. This is a computer search and is much more specific than our present manual procedures. The profiles cover areas which we are unable to cover manually at the present time. FUTURE PLANS: We plan to have a computer-based SDI system in the near future. It is estimated that this will be partially operational this summer, but not completely operational for another year.

Reprint available from respondent?

Special Interest Group on SDI, American Society for Information Science

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**SDI System Fact Sheet**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. D.W. Largey</td>
<td>Unisys Research Laboratory, Colworth, Sharnbrook, Bedford, England</td>
<td>√</td>
</tr>
</tbody>
</table>

**I. Status of System**
- Pilot operation
- Present no. of subscribers: 200
- Projected subscribership in 6 months: 300

**II. Processing Mode**
- Computer: IBM 360/50
- Program language: PL/I

**III. Citation Input**
- External tape
- Journal articles: 100%
- Trade magazines: 4%
- Patents: 4%
- Other: 4%

**IV. Types of Documents**
- In-house documents
- External documents
- Other: (use comment block below)

**V. Indexing of Citations**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: (use comment block below)

**VI. Indexing of Profiles**
- Done by subscriber
- Done by professional indexer

**VII. Matching Technique**
- Boolean & hit level
- Other: (use comment block below)

**VIII. Form of Announcement**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents

**IX. Subscriber Feedback**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

**X. Profile Updating**
- Automatic, by subscriber feedback to computer
- Other:

**Comments**
- We are using the ISI Source Tape, which are of course not indexed w-all.

---

*Special Interest Group on SDI, American Society for Information Science*
COMMENTS (continued)

This laboratory initiated and coordinate the SRI service described, but profiles are scanned for several other labs in the United HD both within the U.K. and on the Continent. Our lab at Port Sunlight has been operating an SRI system along completely different lines for many years so you might like to send a questionnaire to:

The Information Officer,
Unilever Research Laboratory,
Port Sunlight,
Chester,
England.

FUTURE PLANS

We expect to increase our present set of profiles (about 17,000 search terms) by around 50%, and we intend during 1989 to look at other more specialised data bases, than ISI, for instance Food Science and Technology Abstracts (available late '89), and C&I Chemical Abstracts.

If cost data on system is available, please check here.
## Name of Respondent & Address

Robert E. Martin  
Vitro Laboratories  
14000 Georgia Avenue  
Silver Spring, Md. 20910

### I. STATUS OF SYSTEM

- **Operational**
- Pilot operation
- Planning stage

Present no. of subscribers: **140-1500**

Individuals ✓ Small groups □ Organisations

Projected subscribership in 6 months:

### II. PROCESSING MODE

- **Computer**
- **Micro/Model 18M 36640**
- **Pr. am language**
- **Punched card equipment only**
- **Primarily manual**

### III. CITATION INPUT

- **In-house documents**
- Selected external documents
- External tape
- From:
- **Other** (see comment block below)

Total number of citations per month:

### IV. TYPES OF DOCUMENTS

- **Reports** %
- Journal articles %
- Trade magazines %
- Patents %
- **Other**

**Note** (see comment block below)

Major broad subject area: **WEAPONS DATA**

### V. INDEXING OF CITATIONS

- **Thesaurus**
- Free terms
- Words in title
- **Automatic text analysis**
- **Other**

Avg. no. terms per document: 

Indexed in-house?

### VI. INDEXING OF PROFILES

- **Done by subscriber**
- **Done by professional indexer**

Using:
- **Weights**
- Logical connectors
- **Roles**
- **Truncation**
- **Links**
- **Other**

Avg. no. terms per profile:

### VII. MATCHING TECHNIQUE

- **Boolean Logic**
- **Negation**
- **Weights & hit level**
- **Percent match**
- **Other**

Avg. no. retrievals/user/run:

Run frequency:

### VIII. FORM OF ANNOUNCEMENT

- **Cards with machine-readable stub**
- **Computer printout (paper)**
- **Reproduced abstracts**
- **Reproduced documents**
- **Other**

### IX. SUBSCRIBER FEEDBACK

- **Questionnaire**
- **Interviews**
- User evaluation of each citation
- Orders for documents
- **Other**

Do you provide copies of documents on request? **Yes**

Avg. frequency of updating: **Quarterly**

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

### COMMENTS (Continue on page 1)

Sorry, the press of business and newness in the position have prevented a more comprehensive answer in line with our publication deadline. I would appreciate more information on the purpose, activities and accomplishments of SDI.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estelle Brodman</td>
<td>Washington University</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>School of Medicine Library</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4580 Scott Avenue</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>St. Louis, Mo. 63110</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- Operational
- Pilot operation
- Planning stage

- Present no. of subscribers: 23

- Individuals
- Small groups
- Organizations

- Projected subscribership in 6 months: N/A

**II. PROCESSING MODE**

- Computer
- Mfr./Model
- Program language

- Funched card equipment only
- Primarily manual

**III. CITATION INPUT**

- In-house documents
- Selected external documents which amount
- External tape to 1,753 journals

- From: 

- Other (use comment block below)

- Total number of citations per month: Every article in these 1,753 journals is scanned

- Major broad subject area:

**IV. TYPES OF DOCUMENTS**

- Reports
- Journal articles 100%
- Trade magazines
- Patents
- Other

**V. INDEXING OF CITATIONS**

- Thesaurus
- Weights
- Free terms
- Roles
- Words in title
- Links
- Automatic text analysis
- Other:

- Avg. no. terms per document: 2

- Indexed in-house: X

**VI. INDEXING OF PROFILES**

- Done by subscriber
- Done by professional indexer

- Using:
  - Weights
  - Logical connectors
  - Roles
  - Truncation
  - Links
  - Other

- Avg. no. terms per profile: Free text interest statement, not a list of terms

**VII. MATCHING TECHNIQUE**

- Boolean Logic
- Single term match
- Weights & hit level
- Other:

- Avg. no. retrievals/user/run: 256

- Run frequency: weekly

**VIII. FORM OF ANNOUNCEMENT**

- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**IX. SUBSCRIBER FEEDBACK**

- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

- Do you provide copies of documents on request? No.
- Unless the person is willing to pay.

**X. PROFILE UPDATING**

- By subscriber
- By indexer
- Automatic, by subscriber feedback
- To computer
- Other:

- Avg. frequency of updating: Varies

**COMMENTS** (Continue on page 2)

In order to avoid any misunderstanding, I tried to answer all the questions although in some cases, the questions did not apply to our system.

Reprint available from respondent.

**Special Interest Group on SDI, American Society for Information Science**

93
COMMENTS (continued)
Our SDI system consists of two services; one a current awareness service, which is completely manual at the moment, and the other the personal file indexing system (PFIS) of the citations retrieved manually, and judged by the recipients to be relevant and useful. PFIS is produced using an IBM-360-50 and our own program. The PFIS offers: sequential; author (first 3 authors only); title; subject; and source indexes.

The participant may use one or both of these services.

FUTURE PLANS
We are contemplating using commercially available tapes such as the ones from Chemical Abstracts, ISI or Pandex. A spot check of journal coverage showed that ISI tapes cover approximately 65% of our journal subscription. A pilot study will be done shortly by using one of the services offered by ISI. However, the use of the tapes creates clerical problems as long as our patrons favor receiving face sheets and/or summaries of articles, the manual system will be retained to supplement any computerized retrieval system which we might use in the future.

If cost data on system is available, please check here. \( y \) (at the end of this fiscal year)
**Name of Respondent:** Mrs. Margaret Frost  
**Organization & Address:** Administrative Reference Center, Wayne State University, Detroit, Mich. 48202

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ Operational</td>
<td>✅ Computer</td>
</tr>
<tr>
<td>✅ Pilot operation</td>
<td>✅ Migr./Model: EM 1460 - charging</td>
</tr>
<tr>
<td>✅ Planning stage</td>
<td>✅ Program language:</td>
</tr>
<tr>
<td>Present no. of subscribers: 56</td>
<td>✅ Punched card equipment only</td>
</tr>
<tr>
<td>- Individuals</td>
<td>✅ Primarily manual</td>
</tr>
<tr>
<td>- Small groups</td>
<td></td>
</tr>
<tr>
<td>- Organizations</td>
<td></td>
</tr>
<tr>
<td>Projected subscribership in 6 months: Unknown</td>
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</table>

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ In-house documents</td>
<td>✅ Reports 20%</td>
</tr>
<tr>
<td>✅ Selected external documents</td>
<td>✅ Journal articles 20%</td>
</tr>
<tr>
<td>✅ External tape</td>
<td>✅ Trade magazines 10%</td>
</tr>
<tr>
<td>From:</td>
<td>✅ Patents 10%</td>
</tr>
<tr>
<td>Other (use comment block below)</td>
<td>✅ Other (administration of higher education)</td>
</tr>
<tr>
<td>Total number of citations per month: 150</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ Thesaurus</td>
<td>✅ Done by subscriber</td>
</tr>
<tr>
<td>✅ Free terms</td>
<td>✅ Done by professional indexer</td>
</tr>
<tr>
<td>✅ Words in title</td>
<td>✅ Words</td>
</tr>
<tr>
<td>✅ Automatic text analysis</td>
<td>✅ Logical connectors</td>
</tr>
<tr>
<td>✅ Other</td>
<td>✅ Roles</td>
</tr>
<tr>
<td>Avg. no. terms per document: 10-15</td>
<td></td>
</tr>
<tr>
<td>Indexed in-house: Usually</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ Boolean: Logic</td>
<td>✅ Cards with machine-readable stubs</td>
</tr>
<tr>
<td>✅ Single: Stem match</td>
<td>✅ Computer printout (paper)</td>
</tr>
<tr>
<td>✅ Weights &amp; hit level</td>
<td>✅ Reproduced abstracts</td>
</tr>
<tr>
<td>✅ Other</td>
<td>✅ Reproduced documents</td>
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<tr>
<td>Avg. no. retrievals/user/run:</td>
<td>✅ Other:</td>
</tr>
<tr>
<td>Avg. frequency: weekly</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ Questionnaire</td>
<td>✅ By subscriber - comment feedback on forms</td>
</tr>
<tr>
<td>✅ Interviews</td>
<td>✅ By indexer</td>
</tr>
<tr>
<td>✅ User evaluation of each citation</td>
<td>✅ Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>✅ Orders for documents</td>
<td>✅ Other:</td>
</tr>
<tr>
<td>✅ Other</td>
<td></td>
</tr>
<tr>
<td>Do you provide copies of documents on request? Yes</td>
<td></td>
</tr>
<tr>
<td>Avg. frequency of updating: dependent on orders returned and evaluated - in some cases annually</td>
<td></td>
</tr>
<tr>
<td>Identify the publication that gives the most complete description of current or planned system: EDICOM 9-4-67</td>
<td></td>
</tr>
</tbody>
</table>

**COMMENTS (Continue on page 2)**

The ARC is part of Wayne State University Office of Institutional Research; Division of Educational Service. Originally an SDI project, which began in 1965, was funded by the government. Hence

Special Interest Group on SDI, American Society for Information Science

*Through article, etc., less than 20% service provides copies to external and internal users. Over 20% we consider for two weeks to external users, to extend waiting we give same other document may be secured.
COMMENTS (continued)

1966 we have been funded by the university at the present moment at least 48 users on campus and 38 off campus. The 48 on include the president, vice-president, division heads, deans, and members of OIR. Off campus users include administrators of Michigan State Colleges and Universities and several out-of-state Administrators and educational consultants. There is no subscription fee.

FUTURE PLANS

Unknown. I would like to see our SDI service expanded to administrators of other universities and colleges at a small subscription fee. I would be interested in knowing the demand/interest in the expansion of our system from administrators and researchers in institutions of higher education.

If cost data on system is available, please check here.
SDI SYSTEM FACT SHEET

Name of Respondent: W. T. MacPhee
Organization & Address: Western Electric Co. Po Box 900 Princeton, N. J.

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 2000

Projected subscribership in 6 months:

III. CITATION INPUT
- House documents
- Selected external documents
- External tape
- Other (use comment block below)

Total number of citations per month: 300+

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: Indexed in-house?

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:

Avg. no. retrievals/user/run:

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- Peer evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request?

X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating: 1-2 year

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science
### SDI SYSTEM FACT SHEET

**Name of Respondent:** Holly Hammann  
**Organization & Address:**  
**UNIVERSITY OF WISCONSIN**  
**SCHOOL OF BUSINESS INFOR**  
**1199 OBSERVATORY DR**  
**WADISDN, WISCONSIN 53706**

**Phone:** 608/262-3816

---

#### I. STATUS OF SYSTEM
- [ ] Operational
- [ ] Pilot operation
- [ ] Planning stage

Present no. of subscribers: **300**  
Projected subscribership in 6 months: **400**

---

#### II. PROCESSING MODE
- [ ] Computer
- [ ] [Migr. / Model]

Program language:  
- [ ] Punched card equipment only
- [ ] Primarily manual

---

#### III. CITATION INPUT
- [ ] In-house documents
- [ ] Selected external documents
- [ ] External taps
  - From: [ ] Other (use comment block below)

Total number of citations per month: **200**

---

#### IV. TYPES OF DOCUMENTS
- [ ] Reports **%**  
- [ ] Journal articles **%**  
- [ ] Trade magazines **%**  
- [ ] Patents **%**  
- [ ] Other **%

Major broad subject area: [ ] General

---

#### V. INDEXING OF CITATIONS
- [ ] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Other:

Avg. no. terms per document:

Indexed in-house?

---

#### VI. INDEXING OF PROFILES
- [ ] Done by subscriber
- [ ] Done by professional indexer

Using:
- [ ] Weights
- [ ] Logical connectors
- [ ] Roles
- [ ] Truncation
- [ ] Links
- [ ] Other:

Avg. no. terms per profile: **60**

---

#### VII. MATCHING TECHNIQUE
- [ ] Boolean Logic
- [ ] Single term match
- [ ] Weights & hit level
- [ ] Other:

Avg. no. retrieval/user/run: **20**

Run frequency: [ ] Weekly

---

#### VIII. FORM OF ANNOUNCEMENT
- [ ] Cards with machine-readable stubs
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents
- [ ] Other:

Please attach sample

---

#### IX. SUBSCRIBER FEEDBACK
- [ ] Questionnaire
- [ ] Telephone
- [ ] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? **Yes**

Avg. frequency of updating: **Quarterly**

---

Identify the publication that gives the most complete description of current or planned system:

**NONE AT PRESENT (except promotional flyer enclosed)**

Reprint available from respondent? **Yes**

---

**COMMENTS** (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science
II. PILOT SYSTEMS
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARK G. TELL</td>
<td>AIR FORCE AVIONICS LAB</td>
</tr>
<tr>
<td></td>
<td>AVO-2</td>
</tr>
<tr>
<td></td>
<td>WPAFB, OHIO</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phase</td>
</tr>
<tr>
<td></td>
<td>513-255-5804</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

I wish to receive copies of all responses. (You may check even if you don't complete form.)

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
- Present no. of subscribers:
  - Individuals
  - Small groups
  - Organisations
  - Projected subscriber in 6 months.

### II. PROCESSING MODE
- Computer
  - Mfr./Model:
  - Program language:
  - Punched card equipment only
  - Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
  - From:
  - Other (use comment block below)
- Total number of citations per month:

### IV. TYPES OF DOCUMENTS
- Reports 100%
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area: AVIONICS

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other
- Weights
- Links
- Avg. no. terms per document:
- Indexed in-house?

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
- Indexing Using:
  - Weights
  - Logical connectors
  - Roles
  - Truncation
  - Links
  - Other

Avg. no. terms per profile:

### VII. MATCHING TECHNIQUE
- Single term match
- Negation
- Weights & hit level
- Other
- Percent match

Avg. no. retrievals/user/run: __________
Run frequency: __________

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

PLEASE ATTACH SAMPLE

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request?

### X. PROFILE UPDATING
- By subscriber
- By Indexer
- Automatic, by subscriber feedback to computer
- Other

Avg. frequency of updating: __________

Identify the publication that gives the most complete description of current or planned system:

**Proceedings. of ASIS Vol 5, 1968**

Reprint available from respondent K1.

### COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science

100
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bruce A. Granat</td>
<td>Continental Illinois National Bank and Trust Co. of Chicago Library, 231 S. LaSalle St., Chicago, Illinois 60604.</td>
<td>![✓] (You may check even if you don’t complete form.)</td>
</tr>
</tbody>
</table>

| Phone | 312-928-7817 |

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 20
Present no. of individuals: 0
Small groups: 0
Organisations: 0
Projected subscribership in 6 months: 30.

### II. PROCESSING MODE
- Computer: IBM - 1401
- Mgr./Model: CBECL
- Program language: COBOL
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- Other (use comment block below)

Total number of citations per month: 125

### IV. TYPES OF DOCUMENTS
- Reports: 6%
- Journal articles: 45%
- Trade magazines: 40%
- Patents: 0%
- Other: 0%

Major broad subject area: Banking - Finance

### V. INDEXING OF CITATIONS
- Thesaurus
- Weights
- Free terms
- Roles
- Words in title
- Links
- Automatic text analysis
- Other:

Avg. no. terms per document: 4

Indexd in-house? YES

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Avg. no. terms per profile: 15

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Must terms
- Percent match
- Other:

Avg. no. retrievals/user/run: 6

Run frequency: 1/day

### VIII. FORM OF ANNOUNCEMENT
- Profile with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? NO

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating: [ ]

Identify the publication that gives the most complete description of current or planned system:

IBM, S.D.I. Manuals

Reprint available from respondent? NO

**COMMENTS** (Continue on page 2)
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pauline V. Angione</td>
<td>University of Chicago, Graduate Library School</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>1126 E. 59th St., Chicago, Illinois 60637</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation (Experimental)
- Planning stage

Present no. of subscribers:
- Individuals
- Small groups
- Organisations

Projected subscribership in 6 months:

**II. PROCESSING MODE**
- Computer
  - Mgr./Model IBM 7094; IBM 1401
  - Program language

- Punched card equipment only

- Manual also

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape
  - From: ELS - MEDLARS
- Other (use comment block below)

Total number of citations per month: \(10-20 \times 10^3\) (Experimental)

**IV. TYPES OF DOCUMENTS**
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area: Biomedicine

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other: Varies

Avg. no. terms per document: 10

Indexed in-house: No

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by research assistants

Using:
- Weights
- Logical connectors (MEDLARS)
- Roles
- Truncation
- Links
- Other: text

Avg. no. terms per profile: 30

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Single term match
- Weights & hit level
- Other: manual search-continuous

Avg. no. retrievals/user/run: 100

Run frequency: 1/mon.

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents on request

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other: searchers

Do you provide copies of documents on request? Yes

If available

**X. PROFILE UPDATING**
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other: searchers

Avg. frequency of updating: 4w/yr.

**COMMENTS** (Continue on page 2)

SDI function is part of a research project in the experimental dissemination of biomedical information. Both manual and machine searching are carried out.

* = manual operations referred to

** = 7094 for MEDLARS

1401 for research data record keeping system.

Identify the publication that gives the most complete description of current or planned system:


Reprint available from respondent: Yes

Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

As you can most likely see from the answers to your questionnaire, we do not fit neatly into a standard format for an SDI system, due to our emphasis on an experimental rather than a service oriented system. We will however be most interested in seeing the final report of the systems surveyed.

FUTURE PLANS

Quite uncertain at the present time, due to renewal of grant application notice. In general, continued analysis of the effectiveness, impact and theoretical aspects of SDI.

If cost data on system is available, please check here. _____
<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. Stanley Shofet</td>
<td>Defense Documentation Center, Directorate of Syst. Development, Cameron Station, Alexandria, Va. 22314</td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 41
Projected subscription in 6 months: 200

### II. PROCESSING MODE
- Computer
- Migr./Model
- Program language
- Printed card equipment only
- Primarily manual

### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
- Other (use comment block below)

Total number of citations per month: 3,500

### IV. TYPES OF DOCUMENTS
- Reports
- Journal articles
- Trade magazine articles
- Patents
- Other

Major broad subject area: Military R&D

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other

Avg. no. terms per document: 10-15

Indexed in-house: Yes

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Internal connectors
- Rules
- Textual
- Other

Avg. no. terms per profile:

### VII. MATCHING TECHNIQUE
- Boolean logic
- Single term match
- Must terms
- Weights & hit level
- Percent match
- Other

Avg. no. retrievals/user run:

Run frequency: Semi-monthly

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stub
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

PLEASE ATTACH SAMPLE

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request? Yes

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other

Avg. frequency of updating:

Identify the publication that gives the most complete description of current or planned system:

Automatic Services & Products (ASP) Summary Report, June 1968

Reprint available from respondent? No

COMMENTS (Continue on page 2)

The above information pertains to the Group Announcement Bulletin (GAB), a separate announcement publication for each of the 186 COSATI Subject Category Groups (DOD-modified).

(Over)
DDC acquires, processes, and stores scientific and technical reports of defense-sponsored research, development, test, and evaluation (RDT&E) efforts.

CAB is being supplied to 41 participants according to their specified COSATI Subject Field and Group profile on a semi-monthly cycle in the quantities required.

The COSATI Subject Category List (DOD-MODified), consisting of 52 fields/486 groups, is used by DDC subject analysts to categorize all accessioned documents.

It offers a more effective current awareness mechanism for distribution than the Technical Abstract Bulletin (TAB), without loss of peripheral vision as would be experienced with descriptor-based profiles.

FUTURE PLANS

If cost data on system is available, please check here.
**SI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norma Ayala</td>
<td>Defense Documentation Center</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>Directorate of Syst. Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cameron Station</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Alexandria, Va. 22314</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- [ ] Operational
- [ ] Pilot operation
- [ ] Planning stage

**II. PROCESSING MODE**

- [ ] Computer
  - Mgr./Direct
  - Program language
  - Punched card equipment only
  - Primarily manual

**III. CITATION INPUT**

- [ ] Individuals
- [ ] Small groups
- [ ] Organizations

**IV. TYPES OF DOCUMENTS**

- [ ] Reports
- [ ] Journal articles
- [ ] Trade magazines
- [ ] Patents
- [ ] Other

**V. INDEXING OF CITATIONS**

- [ ] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Other

**VI. INDEXING OF PROFILES**

- [ ] Done by subscriber
- [ ] Done by professional indexer

**VII. MATCHING TECHNIQUE**

- [ ] Boolean Logic
- [ ] Single term match
- [ ] Weight & hit level
- [ ] Other

**VIII. FORM OF ANNOUNCEMENT**

- [ ] Cards with machine-readable stubs
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents

**IX. SUBSCRIBER FEEDBACK**

- [ ] Questionnaire
- [ ] Interviews
- [ ] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other

**X. PROFILE UPDATING**

- [ ] By subscriber
- [ ] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other

**Identify the publication that gives the most complete description of current or planned system:**

**Automatic Services & Products (ASP) Summary Report, June 1968**

**Comments (Continue on page 2)**

The above information pertains to the Automatic Distribution of Technical Reports in Microfiche Form. The input processing information (II-III) is described in the Group Announcement Bulletin (GAB) fact sheet [Editor's note: see page 104], Microfiche is being supplied with GAB according to their Field/Group Profiles, which may be different from their GAB Profile. In FY 1968, 213,000 microform copies were distributed.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
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<tbody>
<tr>
<td>Elizabeth A. Wainio</td>
<td>Diamond Shamrock Corp.</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>T. R. Evans Research Center</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P. O. Box 346</td>
<td></td>
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<tr>
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<td>Painesville, Ohio 44077</td>
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<th>I. STATUS OF SYSTEM</th>
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<tr>
<td></td>
<td>Mfgr./Model</td>
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<tr>
<td></td>
<td>360 - IBM</td>
</tr>
<tr>
<td></td>
<td>Program language</td>
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<td></td>
<td>Punched card equipment only</td>
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<tr>
<td></td>
<td>Primarily manual</td>
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<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
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<td>Reports</td>
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<td>Journal articles</td>
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<td>Trade magazines</td>
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<tr>
<td></td>
<td>Patents</td>
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<td>Other</td>
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<th>Total number of citations per month:</th>
<th>Major broad subject area:</th>
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<td>Plastics</td>
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<th>VI. INDEXING OF PROFILES</th>
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</thead>
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<td></td>
<td>Done by subscriber</td>
</tr>
<tr>
<td></td>
<td>Done by professional indexer</td>
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</tbody>
</table>

|                         | Using:                   |
|                         |                         |
|                         | Weights                 |
|                         | Logical connectors      |
|                         | Roles                   |
|                         | Truncation              |
|                         | Links                   |
|                         | Other                   |

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<thead>
<tr>
<th>Avg. no. terms per profile:</th>
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<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
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</thead>
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<td></td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td></td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td></td>
<td>Reproduced abstracts</td>
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<td>Reproduced documents</td>
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<td></td>
<td>Other:</td>
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<thead>
<tr>
<th>Average no. retrievals/user/run:</th>
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<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
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</thead>
<tbody>
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<td></td>
<td>By subscriber</td>
</tr>
<tr>
<td></td>
<td>By indexer</td>
</tr>
<tr>
<td></td>
<td>Automatic, by subscriber feedback to computer</td>
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<td></td>
<td>Other:</td>
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</table>

<table>
<thead>
<tr>
<th>Average frequency of updating:</th>
</tr>
</thead>
</table>

| Identify the publication that gives the most complete description of current or planned system: |
| Engineering Index - Plastics Monthly |

| Reprint available from respondent: |

**COMMENTS (Continue on page 2)**

We have a pilot study with Engineering Index for SDI and also have an internal system for one area of plastics.
<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginie Reyes</td>
<td>Douglas Aircraft Co. 3855 Lakewood Blvd. Long Beach, Calif.</td>
<td>□</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

**Present no. of subscribers:** 40
- Individuals □
- Small groups □
- Organizations □

**Projected subscribership in 6 months:**
- □Individuals
- □Small groups
- □Organizations

**II. PROCESSING MODE**
- □ Computer
- □ Mainframe/Model R (e.g., VAX)
- □ Program language
  - □ Punched card equipment only
  - □ Primarily manual

**III. CITATION INPUT**
- □ In-house documents
- □ Selected external documents
- □ External tape
  - □ From: 151
  - □ Other (use comment block below)

**Total number of citations per month:**

**IV. TYPES OF DOCUMENTS**
- □ Reports 100%
- □ Journal articles 100%
- □ Trade magazines 0%
- □ Patents 0%
- □ Other 0%

**Major broad subject area:**

**V. INDEXING OF CITATIONS**
- □ Thesaurus
- □ Free terms
- □ Words in title
- □ Automatic text analysis
  - □ Other: Abstracts

**Avg. no. terms per document:**
- □ Indexing in-house? Yes

**VI. INDEXING OF PROFILES**
- □ Done by subscriber
- □ Done by professional indexer

**Using:**
- □ Weights
- □ Logical connectors
- □ Roles
- □ Truncation
- □ Links
- □ Other:

**Avg. no. terms per profile:**

**VII. MATCHING TECHNIQUE**
- □ Boolean Logic
- □ Single term match
- □ Must terms
- □ Percentage match
- □ Other:

**Avg. no. retrievals/user/run:** 40

**VIII. FORM OF ANNOUNCEMENT**
- □ Cards with machine-readable stubs
- □ Computer printout (paper)
- □ Reproduced abstracts
- □ Reproduced documents
- □ Other:

**XII. FORM OF ANNOUNCEMENT**
- □ By subscriber
- □ By indexer

**Automatic, by subscriber feedback to computer**
- □ Other:

**Avg. frequency of updating:** Annually

**IX. SUBSCRIBER FEEDBACK**
- □ Questionnaire
- □ Inteviews
- □ User evaluation of each citation
- □ Orders for documents
- □ Other:

**Do you provide copies of documents on request?** Yes

**X. PROFILE UPDATING**
- □ By subscriber
- □ By indexer

**Automatic, by subscriber feedback to computer**
- □ Other:

**Avg. frequency of updating:** Annually

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

**COMMENTS (Continue on page 2)**

Special Interest Group on SDI, American Society for Information Science

108
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margaret B. Thornton</td>
<td>Commanding Officer Edgewood Arsenal ATTN: SMUEA-TSTI-TL Edgewood Arsenal, MD 21010</td>
<td>□</td>
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</table>

<table>
<thead>
<tr>
<th>Phons AUTOVON 231-1360 Ext 21150/26267</th>
</tr>
</thead>
</table>

#### I. STATUS OF SYSTEM
- Pilot operation
- Planning stage
- Present no. of subscribers: 45
- Projected subscriberhip in 6 months: 
  - Individual
  - Small groups
  - Organisations

#### II. PROCESSING MODE
- Computer
- Mgr./Model
- Program language: 
  - Punched card equipment on:
  - Primarily manual

#### III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
  - From:
    - Other (use comment block below)
  - Total number of citations per month: 

#### IV. TYPES OF DOCUMENTS
- Reports %
- Journal articles %
- Trade magazines %
- Patents %
- Other %

#### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic term analysis
  - Other:
    - Average no. terms per document: 
    - Indexed in-house? 

#### VI. INDEXING OF PROFILES
- Thesaurus
- Free terms
- Words in title
- Automatic term analysis
  - Other:
    - Average no. terms per profile: 

#### VII. MATCHING TECHNIQUE
- Boolean Logic
  - Single term match
  - Must terms
  - Negation & hit level
  - Percent match
  - Other:
    - Average no. retrievals/user/run: 
    - Run frequency: 

#### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:
  - Please attach sample

#### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interview
- User evaluation of each citation
  - Orders for documents
  - Other:
    - Do you provide copies of documents on request? Yes
    - Average frequency of updating: 

#### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

---

Identify the publication that gives the most complete description of current or planned system:

**Research and Development Technical Report ECOM-3001**
**Development & Evaluation of a Large-Scale System for Selective Dissemination of Information (SDI)**

Reprint available from respondent __

COMMENTS (Continue on page 2)

Fort Monmouth is performing the computer work for the Edgewood Arsenal Technical Library as part of its NAPALM responsibility. The EA Honeywell computer is not compatible with the Defense Documentation tapes. We have been given the privilege of enrolling 65 subscribers.

(over)

Special Interest Group on SDI, American Society for Information Science
COMMENTS (continued)

The EA participants are more than pleased with the timeliness and applicability of the documents obtained from the match of the DDC tapes and their subject profiles. In fact, there is a standby group who are hopefully waiting for some of the present subscribers to retire or transfer.

When Edgewood Arsenal obtains its new computer, which will be compatible with DDC tapes, the Technical Library will enroll as many scientists and engineers in the SDI program as express a desire.

FUTURE PLANS

If cost data on system is available, please check here. ___
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. C. STARK</td>
<td>GAF Corporation Central Research Laboratory 457 Lincoln Street Easton, Pa 18042</td>
</tr>
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**I. STATUS OF SYSTEM**

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Operational</td>
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<tr>
<td></td>
<td>Pilot operation</td>
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Present no. of subscribers: 150

Projected subscribership in 6 months:

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**II. PROCESSING MODE**

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<td></td>
</tr>
<tr>
<td></td>
<td>Computer</td>
</tr>
<tr>
<td></td>
<td>Migr./Model</td>
</tr>
</tbody>
</table>

Program languages:

- punched card equipment: Not only
- primarily manual

**III. CITATION INPUT**

<p>| | |</p>
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<tr>
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<td></td>
<td>Selected external documents</td>
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<td></td>
<td>External tape</td>
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From:

- Other (use comment block below)

Total number of citations per month: 300

**IV. TYPES OF DOCUMENTS**

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<tbody>
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<td></td>
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<tr>
<td></td>
<td>Reports 100%</td>
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<td>Journal articles 5%</td>
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**V. INDEXING OF CITATIONS**

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<tr>
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<tr>
<td></td>
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<td>Other:</td>
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Avg. no. terms per document: 20

Indexing in-house:

- Yes

**VI. INDEXING OF PROFILES**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
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<tr>
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<td>Done by subscriber</td>
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<tr>
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<td>Done by professional indexer</td>
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**VII. MATCHING TECHNIQUE**

<p>| | |</p>
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<tbody>
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<td></td>
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<tr>
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<td></td>
<td>Weights &amp; hit level</td>
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<td>Percent match</td>
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Avg. no. retrievals/user/run: 100

Run frequency: 30

**VIII. FORM OF ANNOUNCEMENT**

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<tr>
<td></td>
<td>Cards with machine-readable stubs</td>
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<td>Computer printout (paper)</td>
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**IX. SUBSCRIBER FEEDBACK**

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<td>Orders for documents</td>
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Do you provide copies of documents on request? Yes

Avg. frequency of updating: 30

**X. PROFILE UPDATING**

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<td>By indexers</td>
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**COMMENTS**

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<tr>
<td></td>
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<tr>
<td></td>
<td>The clinical file contains 2000 records.</td>
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<tr>
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<td></td>
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Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAUL J. HORNATH</td>
<td>B.F. GOODRICH CHEM. CO.</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>DEVELOPMENT CENTER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P.O. BOX 122</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVON LAKE, OHIO 44012</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
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<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Operational</td>
<td>□ Computer</td>
</tr>
<tr>
<td>□ Pilot operation</td>
<td>□ Mgr./Model 6C-137</td>
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<tr>
<td>□ Planning stage</td>
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</tr>
<tr>
<td>Present no. of subscribers: 70</td>
<td>Program language: ASCII</td>
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<td>□ Individuals</td>
<td>□ Primarily manual</td>
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<td>□ Small groups</td>
<td></td>
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<tr>
<td>□ Organizations</td>
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<td>Projected subscribership in 6 months:</td>
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<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
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<tr>
<td>□ In-house documents</td>
<td>□ Reports 90%</td>
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<tr>
<td>□ Selected external documents</td>
<td>□ Journal articles 10%</td>
</tr>
<tr>
<td>□ External tape</td>
<td>□ Trade magazines %</td>
</tr>
<tr>
<td></td>
<td>□ Patents %</td>
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<tr>
<td>□ Other (use comment block below)</td>
<td>□ Other %</td>
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Total number of citations per month: 400

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<th>VI. INDEXING OF PROFILES</th>
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</thead>
<tbody>
<tr>
<td>□ Thesaurus</td>
<td>□ Done by subscriber</td>
</tr>
<tr>
<td>□ Free terms</td>
<td>□ Done by professional indexer</td>
</tr>
<tr>
<td>□ Words in title</td>
<td>□ Using:</td>
</tr>
<tr>
<td>□ Automatic text analysis</td>
<td>□ Weights</td>
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<td>□ Logical connectors</td>
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Avg. no. terms per document: 40

Avg. no. terms per profile: 200

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<th>VIII. FORM OF ANNOUNCEMENT</th>
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<tbody>
<tr>
<td>□ Boolean Logic</td>
<td>□ Cards with machine-readable stubs</td>
</tr>
<tr>
<td>□ Single term match</td>
<td>□ Computer printout (paper)</td>
</tr>
<tr>
<td>□ Weights &amp; hi level</td>
<td>□ Reproduced abstracts</td>
</tr>
<tr>
<td>□ Other + links + roles</td>
<td>□ Reproduced documents</td>
</tr>
<tr>
<td></td>
<td>□ Other:</td>
</tr>
</tbody>
</table>

Avg. no. retrievals/user/run: 
Run frequency: 

<table>
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<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Questionnaire</td>
<td>□ By subscriber</td>
</tr>
<tr>
<td>□ Interviews</td>
<td>□ By inder</td>
</tr>
<tr>
<td>□ User evaluation of each citation</td>
<td>□ Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>□ Orders for documents</td>
<td>□ Other:</td>
</tr>
<tr>
<td>□ Other</td>
<td></td>
</tr>
<tr>
<td>Do you provide copies of documents on request?</td>
<td></td>
</tr>
</tbody>
</table>

Avg. frequency of updating: 

Identify the publication that gives the most complete description of current or planned system:

**JOURNAL OF CHEMICAL DOCUMENTATION, AUG. 1967**

Reprint available from respondent: YES

**COMMENTS** (continue on page 2)
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martha S. Williams</td>
<td>Technical Information Research Institute 10 W. 35 E St. Chicago, Illinois 60616</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer Model 1BM 360/50</td>
</tr>
<tr>
<td>Pilot operation</td>
<td>Program language</td>
</tr>
<tr>
<td>Planning stage</td>
<td>Punched card equipment only</td>
</tr>
<tr>
<td>Present no. of subscribers: 144</td>
<td>Primarily manual</td>
</tr>
<tr>
<td>Individuals</td>
<td>Organizations</td>
</tr>
<tr>
<td>Small groups</td>
<td>Organizations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>Reports</td>
</tr>
<tr>
<td>Selected external documents</td>
<td>Journal articles</td>
</tr>
<tr>
<td>External tape</td>
<td>Trade magazines</td>
</tr>
<tr>
<td>From: Chemical Abstracts</td>
<td>Patents</td>
</tr>
<tr>
<td>Other (use comment block below)</td>
<td>Other</td>
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<tr>
<td>Total number of citations per month: 8630</td>
<td>Major known subject area: Chemistry</td>
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<table>
<thead>
<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesaurus</td>
<td>Done by subscriber</td>
</tr>
<tr>
<td>Free terms</td>
<td>Done by professional indexer</td>
</tr>
<tr>
<td>Words in title</td>
<td>Using</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>Weights</td>
</tr>
<tr>
<td>Other</td>
<td>Logical operators</td>
</tr>
<tr>
<td></td>
<td>Links</td>
</tr>
<tr>
<td>Avg. no. terms per document</td>
<td>Other</td>
</tr>
<tr>
<td>Indexed in-house?</td>
<td>Done</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boolean logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td>Weights &amp; hit level</td>
<td>Reproduced abstracts</td>
</tr>
<tr>
<td>Percent match</td>
<td>Reproduced documents</td>
</tr>
<tr>
<td>Other</td>
<td>Other</td>
</tr>
<tr>
<td>Avg. no. retrievals/user/run</td>
<td>PLEASE ATTACH SAMPLE</td>
</tr>
<tr>
<td>Run frequency:</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
<td>By subscriber</td>
</tr>
<tr>
<td>Interviews</td>
<td>By indexers</td>
</tr>
<tr>
<td>User evaluation of each citation</td>
<td>Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>Orders for documents</td>
<td>Other</td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

Do you provide copies of documents on request? Yes

Identify the publication that gives the most complete description of current or planned system:

**COMMENTS** (Continue on page 2)

**FUTURE PLANS:** We plan to expand our Computerized Information Dissemination Center database to search additional tapes, such as Biological Abstracts, Engineering Index, ISI tapes, etc., as indicated by user requirements.

Special Interest Group on SDI, American Society for Information Science

113
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>P CLAGUE</td>
<td>SDI INVESTIGATION</td>
</tr>
<tr>
<td></td>
<td>INSTITUTION OF ELECTRICAL ENGINEERS</td>
</tr>
<tr>
<td></td>
<td>26 PARK PLACE</td>
</tr>
<tr>
<td></td>
<td>STEVENAGE (Herts) ENGLAND</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 550

- Individuals
- Small groups
- Organisations

Projected subscribership in 6 months: __________

**II. PROCESSING MODE**
- Computer
  - Migr./Model: ENGLISH ELECTRIC EDG
  - Program language: Machine Code

- Punched card equipment only
- Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External: __________
  - From: __________
  - Other (see comment block below)

Total number of citations per month: 1800

**IV. TYPES OF DOCUMENTS**
- Reports: __________
- Journal articles: __________
- Trade magazines: __________
- Patents: __________
- Other: __________

Major broad subject area: ELECTRONICS

**V. INDEXING OF CITATIONS**
- Thesaurus: __________
- Weights: __________
- Free terms: __________
- Rules: __________
- Words in title: __________
- Links: __________
- Automatic text analysis: __________
- Other: __________

Avg. no. terms per document: __________

Indexed in-house: __________

**VI. INDEXING OF PROFILES**
- Done by subscriber: __________
- Done by professional indexer: __________

Using:
- Weights: __________
- Logical connectors: __________
- Rules: __________
- Truncation: __________
- Links: __________
- Other: __________

Avg. no. terms per profile: __________

**VII. MATCHING TECHNIQUE**
- Boolean Logic: __________
- Single term match: __________
- Must terms: __________
- Weights & hit level: __________
- Percent match: __________
- Other: __________

Avg. no. retrievals/user/run: __________

Run frequency: WEEKLY

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs: __________
- Computer printout (paper): __________
- Reproduced abstracts: __________
- Reproduced documents: __________
- Other: __________

PLEASE ATTACH SAMPLE

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire: __________
- Interviews: __________
- User evaluation of each citation: __________
- Orders for documents: __________
- Other: __________

Do you provide copies of documents on request? __________

Avg. frequency of updating: __________

**X. PROFILE UPDATING**
- By subscriber: __________
- By indexer: __________
- Automatic, by subscriber feedback to computer: __________
- Other: __________

Avg. frequency of updating: __________

**COMMENTS (Continue on page 2)**

The SDI service was set up to provide the basis for an investigation of various aspects of SDI, including economics, performance, and acceptability to users. The actual weekly service is being provided free to the users for a period of approximately 12 months. In return, participants will help to evaluate the service.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. M. G. Howell</td>
<td>Lederle Laboratories</td>
<td></td>
</tr>
<tr>
<td>Mr. Stanley De Voe</td>
<td>Pearl River, New York 10965</td>
<td></td>
</tr>
<tr>
<td>Phone 914-735-5000, ext. 3410</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

<table>
<thead>
<tr>
<th>Option</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>☐</td>
</tr>
<tr>
<td>Pilot operation</td>
<td>☐</td>
</tr>
<tr>
<td>Planning stage</td>
<td>☐</td>
</tr>
</tbody>
</table>

Present no. of subscribers: 40

<table>
<thead>
<tr>
<th>Group</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual</td>
<td>☐</td>
</tr>
<tr>
<td>Small group</td>
<td>☒</td>
</tr>
<tr>
<td>Organisations</td>
<td>☐</td>
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</tbody>
</table>

Projected subscribership in 6 months: 150

**II. PROCESSING MODE**

<table>
<thead>
<tr>
<th>Computer</th>
<th>IBM 360/30</th>
</tr>
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<tr>
<td>Mgr./Model</td>
<td>IBM</td>
</tr>
<tr>
<td>Program language</td>
<td>ML</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Punched card equipment only</td>
<td>☐</td>
</tr>
<tr>
<td>Primarily manual</td>
<td>☐</td>
</tr>
</tbody>
</table>

**III. CITATION INPUT**

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>☐</td>
</tr>
<tr>
<td>Selected external documents</td>
<td>☐</td>
</tr>
<tr>
<td>External tape</td>
<td>☐</td>
</tr>
<tr>
<td>From:</td>
<td>Chemical Abstracts</td>
</tr>
<tr>
<td>Other (use comment block below)</td>
<td>☐</td>
</tr>
</tbody>
</table>

Total number of citations per month: 20,000

**IV. TYPES OF DOCUMENTS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Reports</td>
<td>☒</td>
</tr>
<tr>
<td>Journal articles</td>
<td>☐</td>
</tr>
<tr>
<td>Trade magazines</td>
<td>☐</td>
</tr>
<tr>
<td>Patents</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
</tr>
</tbody>
</table>

Major broad subject area: Chemistry, Life Sciences

**V. INDEXING OF CITATIONS**

<table>
<thead>
<tr>
<th>Method</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesaurus</td>
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<tr>
<td>Free terms</td>
<td>☐</td>
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<tr>
<td>Words in title</td>
<td>☐</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
</tr>
</tbody>
</table>

Avg. no. terms per document: 10-15

Indexing in-house? ☐

**VI. INDEXING OF PROFILES**

<table>
<thead>
<tr>
<th>Method</th>
<th>Selection</th>
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</thead>
<tbody>
<tr>
<td>Weights</td>
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</tr>
<tr>
<td>Logical connectors</td>
<td>☐</td>
</tr>
<tr>
<td>Roles</td>
<td>☐</td>
</tr>
<tr>
<td>Truncation</td>
<td>☐</td>
</tr>
<tr>
<td>Linke</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
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</table>

Avg. no. terms per profile: 10

**VII. MATCHING TECHNIQUE**

<table>
<thead>
<tr>
<th>Technique</th>
<th>Selection</th>
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<tbody>
<tr>
<td>Boolean Logic</td>
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</tr>
<tr>
<td>Logical match</td>
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<tr>
<td>Percent match</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
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</table>

Avg. no. retrievals/user/run: variable

Run frequency: weekly

**VIII. FORM OF ANNOUNCEMENT**

<table>
<thead>
<tr>
<th>Form</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cards with machine-readable stubs</td>
<td>☐</td>
</tr>
<tr>
<td>Reproduced abstracts</td>
<td>☐</td>
</tr>
<tr>
<td>Reproduced documents</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
</tr>
</tbody>
</table>

Final form not selected

**IX. SUBSCRIBER FEEDBACK**

<table>
<thead>
<tr>
<th>Method</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
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</tr>
<tr>
<td>Interviews</td>
<td>☐</td>
</tr>
<tr>
<td>User evaluation of each citation</td>
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</tr>
<tr>
<td>Orders for documents</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
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</table>

Do you provide copies of documents on request? ☐

**X. PROFILE UPDATING**

<table>
<thead>
<tr>
<th>Method</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>By subscribers</td>
<td>☐</td>
</tr>
<tr>
<td>By indexer</td>
<td>☐</td>
</tr>
<tr>
<td>Automatic, by subscriber feedback to computer</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
</tr>
</tbody>
</table>

Avg. frequency of updating: not yet determined

Identify the publication that gives the most complete description of current or planned system:

Chemical Abstracts Condensates is the system being developed.

**FUTURE PLANS:** Interested in operating through an external computer center, such as the University of Georgia, holding a number of data bases, including Condensates, Biological Abstracts, Bioresearch Index, Index Chemical Registry System, etc., if costs are competitive with in-house processing.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack Sieburg, Chief</td>
<td>Legal Information Thru Electronics*</td>
<td>☐ (You may check even if you don't complete form.)</td>
</tr>
<tr>
<td>EDP Branch</td>
<td>3800 York Street</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Denver, CO 80205</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 25
Projected subscription in 6 months:

**II. PROCESSING MODE**
- Computer
  - Mfr./Model: RCA 70/45
  - Program language: RAI

- Punched card equipment only
- Primarily manual

**III. CITATION INPUT**
- In-house documents
- Selected external documents
- External tape
- Other (use comment block below)

Total number of citations per month: 25

**IV. TYPES OF DOCUMENTS**
- Reports
- Journal articles
- Trade magazines
- Patents
- Other

Major broad subject area: Decisions of the Comptroller General of U.S.

**V. INDEXING OF CITATIONS**
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other

Avg. no. terms per document: 1000 words

Indexed in-house:

**VI. INDEXING OF PROFILES**
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other

Word relationships

Avg. no. terms per profile: 8

**VII. MATCHING TECHNIQUE**
- Boolean Logic
- Single term match
- Weights & hit level
- Other

Avg. no retrievals/user/run: 5

Run frequency: weekly

**VIII. FORM OF ANNOUNCEMENT**

**IX. SUBSCRIBER FEEDBACK**
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other

Do you provide copies of documents on request? Yes

Avg. frequency of updating: Data not available

**X. PROFILE UPDATING**
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other

**COMMENTS (Continue on page 2)**

The AID (automated abstracting, indexing and distribution) system has been tested and proven satisfactory under prototype conditions. Due to budgetary limitations, no further testing or system development is being conducted at this time.

**FUTURE PLANS**
Assuming availability of funds, expansion of the system to include: (1) increased subscribers and (2) additional input files is planned for 1970.

Identify the publication that gives the most complete description of current or planned system:

An article describing the original system "Automatic Abstracting, Indexing and Distribution of Legal Information," appeared in the November 1966 issue of *DYNAMATION*. No published material is available on the revised system. Reprints of original article are available.

Special Interest Group on SDI, American Society for Information Science

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## SDI SYSTEM FACT SHEET

### Name of Respondent

**Jay Droz**

### Organization & Address

**Information Systems Office**  
**Library of Congress**

### I wish to receive copies of all responses.

(You may check even if you don't complete form.)

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>B. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Operational</td>
<td>□ Computer</td>
</tr>
<tr>
<td>□ Pilot operation</td>
<td>□ Mgr./Model IBM 4341 440 40</td>
</tr>
<tr>
<td>□ Planning stage</td>
<td>□ Program language</td>
</tr>
</tbody>
</table>

Present no. of subscribers: **50**

**□** Individuals  **□** Small groups  **□** Organisations

Projected subscribership in 6 months: **650**

### III. CITATION INPUT

- □ In-house documents
- □ Selected external documents
- □ External tape
- □ Other (use comment block below)

Total number of citations per month: **6,000**.

<table>
<thead>
<tr>
<th>IV. TYPES OF DOCUMENTS</th>
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</thead>
<tbody>
<tr>
<td>□ Reports 16.5%</td>
</tr>
<tr>
<td>□ Journal articles 25%</td>
</tr>
<tr>
<td>□ Trade magazines 3%</td>
</tr>
<tr>
<td>□ Patents 10%</td>
</tr>
<tr>
<td>□ Other 10%</td>
</tr>
</tbody>
</table>

Major broad subject area: **NOT EXAMINED**

### V. INDEXING OF CITATIONS

- □ Thesaurus
- □ Free terms
- □ Words in title
- □ Automatic text analysis
- □ Other:

Avg. no. terms per document: **6**

Indexed in-house: **100%**

<table>
<thead>
<tr>
<th>VI. INDEXING OF PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Done by subscriber</td>
</tr>
<tr>
<td>□ Done by professional indexer</td>
</tr>
</tbody>
</table>

Using:

- □ Weights
- □ Logical connectors
- □ Roles
- □ truncation
- □ Links
- □ Other:

Avg. no. terms per profile: **20**

### VII. MATCHING TECHNIQUE

- □ Boolean Logic
- □ Single term match
- □ Weights & hit level
- □ Other:

Avg. no retrievals/user/run:  **WEEKLY**

<table>
<thead>
<tr>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Cards with machine-readable stubs</td>
</tr>
<tr>
<td>□ Computer printout (paper)</td>
</tr>
<tr>
<td>□ Reproduced abstracts</td>
</tr>
<tr>
<td>□ Reproduced documents</td>
</tr>
<tr>
<td>□ Other:</td>
</tr>
</tbody>
</table>

PLEASE ATTACH SAMPLE

### IX. SUBSCRIBER FEEDBACK

- □ Questionnaire
- □ Interviews
- □ User evaluation of each citation
- □ Orders for documents
- □ Other:

Do you provide copies of documents on request? **No**

Avg. frequency of updating: **WEEKLY**

Identify the publication that gives the most complete description of current or planned system:

**Reprint available from respondent**

### X. PROFILE UPDATING

- □ By subscriber
- □ By indexer
- □ Automatic, by subscriber feedback to computer
- □ Other:

### COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert A. Benson</td>
<td>Monsanto Research Corp. Mound Laboratory, Miamisburg, Ohio 45342</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>513-866-7444/Ext. 3491</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### I. STATUS OF SYSTEM
- **Operational:** Yes
- **Planning stage:** No
- **Present no. of subscribers:** 14
- **Projected no. of subscribers in 6 months:** 20

#### II. PROCESSING MODE
- **Computer:** Yes
- **Mfg./Model:** IBM 360
- **Program language:** PL/I
- **Punched card equipment:** No
- **Primarily manual:** Yes

#### III. CITATION INPUT
- **In-house documents:** Yes
- **Selected external documents:** Yes
- **External tape:** No
- **Other:** Yes (use comment block below)

**Total number of citations per month:** 100

#### IV. TYPES OF DOCUMENTS
- **In-house documents:** Yes
- **Reports:** 60%
- **Journal articles:** 30%
- **Trade magazines:** 10%
- **Patents:** 5%
- **Other:** 5%

**Major broad subject area:** Science

#### V. INDEXING OF CITATIONS
- **Thesaurus:** Yes
- **Free terms:** Yes
- **Words in title:** Yes
- **Automatic text analysis:** Yes
- **Other:** Yes

**Avg. no. terms per document:** 6

**Indexed in-house:** Yes

#### VI. INDEXING OF PROFILES
- **Done by subscriber:** Yes
- **Done by professional indexer:** No
- **Using:**
  - **Weights:** Yes
  - **Logical connectors:** Yes
  - **Roles:** Yes
  - **Truncation:** Yes
  - **Links:** Yes
  - **Other:** Yes

**Avg. no. terms per profile:** 10

#### VII. MATCHING TECHNIQUE
- **Boolean Logic:** Yes
- **Single term match:** Yes
- **Weights & hit level:** Yes
- **Percent match:** Yes
- **Other:** Yes

**Avg. no. retrievals/user/run:** 50

**Run frequency:** Once a week

#### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs:** Yes
- **Computer printout (paper):** Yes
- **Reproduced abstracts:** Yes
- **Reproduced documents:** Yes
- **Other:** Yes

**Please attach sample**

#### IX. SUBSCRIBER FEEDBACK
- **Questionnaire:** Yes
- **Interviews:** Yes
- **User evaluation of each citation:** Yes
- **Orders for documents:** Yes
- **Other:** Yes

Do you provide copies of documents on request? Yes

**Avg. frequency of updating:** Once a week

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent: Yes

**COMMENTS** (Continue on page 2)
**SI SYSTEM FACT SHEET**

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<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
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</tr>
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<tr>
<td>John H. Schneider</td>
<td>Scientific and Technical Information Officer</td>
<td>[ ]</td>
</tr>
<tr>
<td></td>
<td>Room 8A-05 Westwood Building</td>
<td>[X]</td>
</tr>
<tr>
<td></td>
<td>National Cancer Institute</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>Bethesda, Maryland 20014</td>
<td></td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**

- [ ] Operational
- [ ] Pilot operation
- [ ] Future plans below
- [ ] Present no. of subscribers: 103
- [ ] Individuals
- [ ] Small groups
- [ ] Organizations
- [ ] Projected subscribership in 6 months: N.A.

**II. PROCESSING MODE**

- [ ] Computer
- [ ] Migr./Model: IBM 360-50
- [ ] Program language: FORTRAN
- [ ] Punched card equipment only
- [ ] Primarily manual

**III. CITATION INPUT**

- [ ] In-house documents
- [ ] Selected external documents
- [ ] External tape
- [ ] Other (see comment block below)

1,396 articles is total data base for

Total number of citations per month: 100

Major broad subject area: Cancer Research

**IV. TYPES OF DOCUMENTS**

- [ ] Reports
- [ ] Journal articles 100%
- [ ] Trade magazines
- [ ] Patents
- [ ] Other

**V. INDEXING OF CITATIONS**

- [ ] Thesaurus
- [ ] Free terms
- [ ] Weights
- [ ] Roles
- [ ] Words in title
- [ ] Links
- [ ] Other: Assign categories from linear hierarchical decimal classification

Avg. no. terms per document: 3.5

Indexed in-house: Yes

**VI. INDEXING OF PROFILES**

- [ ] Thesaurus
- [ ] Free terms
- [ ] Weights
- [ ] Logical connectors
- [ ] Roles
- [ ] Truncation
- [ ] Links
- [ ] Other: Assign categories from linear hierarchical decimal classification

Avg. no. terms per profile: 20

**VII. MATCHING TECHNIQUE**

- [ ] Boolean Logic
- [ ] Negation
- [ ] Single term match
- [ ] Must terms
- [ ] Weights & hit level
- [ ] Percent match
- [ ] Other: (See Note 1 below)

Avg. no. retrievals/user/run: N.A.

Run frequency: Twice a month

**VIII. FORM OF ANNOUNCEMENT**

- [ ] Cards with machine-readable stubs
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents
- [ ] Other: 

Please attach sample

**IX. SUBSCRIBER FEEDBACK**

- [ ] Questionnaire
- [ ] Interviews
- [ ] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? No

Avg. frequency of updating matching as integral part of computer run:

**X. PROFILE UPDATING**

- [ ] By subscriber
- [ ] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

Update precedes

Diese system was set up to run for a one-year trial period on an experimental basis only. The one-year trial has been completed and several papers describing the results are in preparation. 1,396 articles from 12 major cancer research journals were indexed and matched against the profiles of 103 active research scientists. (over)
COMMENTS (continued)

NOTE 1: A single-hit match between any one number assigned to the user and any one number assigned to the article is sufficient to identify a useful article. Categories assigned to the article are as specific as possible. Thus the number 51.743 assigned to a user will match all articles indexed under 51.743251 or any other subdivision of 51.743.

NOTE 2: When a match occurred, the user received a copy of the front page of the journal article. In most cases, this had title, names of authors, address of authors (for reprint ordering), name of journal, volume, page, and author-prepared abstract as well as a useful part of the introduction. If any of this information was missing from the front page, it was either written on the page or cut from the back of the article and taped to the front page so that every notification had all the data mentioned in the last sentence. Xerox copies of this single page notification were mailed to each user.

FUTURE PLANS

The results of the one-year trial were very encouraging, but the system cannot become fully operational until the classification is automated to permit and encourage easy, frequent updating. For this reason, attention is currently directed toward automation of the classification and publishing the results of the trial. Hopefully it will be possible to begin a small-scale SDI system on an operational basis after the linear hierarchical decimal classification of biomedical information has been fully automated. On-line use of the classification is also planned for the more distant future.

If cost data on system is available, please check here. X

120
### SDI SYSTEM FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. J. NICOLAU, Director</td>
<td>Naval Ship Systems Command, 205 Main Navy Building Washington, D. C. 20360</td>
<td>☑</td>
</tr>
<tr>
<td>Phone</td>
<td></td>
<td>(You may check even if you don’t complete form.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage

Present no. of subscribers: 10
- Individuals
- Small groups
- Organisations

Projected subscribership in 6 months: 25

#### II. PROCESSING MODE
- Computer
  - Migr./Model: IBM 7070
  - Program language: COBOL
- Punched card equipment only
- Primarily manual

#### III. CITATION INPUT
- In-house documents
  - Selected external documents
  - External tape
  - From:
    - Other (see comment block below)
- Navy sponsored Research and Development

Total number of citations per month: 200 reports

#### IV. TYPES OF DOCUMENTS
- Reports: 50%
- Journal articles: 10%
- Trade magazines
- Patents
- Other

#### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Av. no. terms per document: 25

Indexed in-house: ☑

#### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:

Av. no. terms per profile: 12

#### VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:

Avg. no retrievals/user/run: 20

Run frequency: monthly

#### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other

#### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interview
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? Yes

Avg. frequency of updating: 1 month intervals

#### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscribers feedback to computer
- Other:

### Identify the publication that gives the most complete description of current or planned system:


**SDI SYSTEM FACT SHEET**

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<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
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<tr>
<td>Fred Smith</td>
<td>The Upjohn Company</td>
</tr>
<tr>
<td></td>
<td>Technical Library 25-7</td>
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<tr>
<td></td>
<td>Kalamazoo, Mich. 49001</td>
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I wish to receive copies of all responses. (You may check even if you don't complete form.)

### I. STATUS OF SYSTEM
- **Operational**: Pilot operation
- **Planning stage**: Present no. of subscribers: 25
- **Projected subscribership in 6 months**: 150

### II. PROCESSING MODE
- **Computer**: IBM 360/30
- **Mfr./Model**: IBM 360
- **Program language**: Fortran
- **Punched card equipment only**: Yes
- **Primarily manual**: Yes

### III. CITATION INPUT
- **In-house documents**: 25%
- **Selected external documents**: 10%
- **External topics**: Carded
- **Others (use comment block below)**: 5%

| Total number of citations per month: 3,720 |

### IV. TYPES OF DOCUMENTS
- **Reports**: 50%
- **Journal articles**: 40%
- **Trade magazines**: 10%
- **Patents**: 5%
- **Other**: 5%

**Major broad subject area**: Drugs

### V. INDEXING OF CITATIONS
- **Thesaurus**: Yes
- **Free terms**: Yes
- **Words in title**: Yes
- **Automatic test analysis**: Yes
- **Other**:

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### VI. INDEXING OF PROFILES
- **Done by subscriber**
- **Done by professional indexer**
- **Using**:
  - **Weights**
  - **Logical connectors**
  - **Truncation**
  - **Links**
  - **Other**:

| Avg. no. terms per profile: 10 |

### VII. MATCHING TECHNIQUE
- **Boolean Logic**: Yes
- **Single term match**: Yes
- **Weights & hit level**: Yes
- **Negation**: Yes
- **Must terms**: Yes
- **Percent match**: Yes

| Avg. no. retrievals/user/run: Weekly |
| Run frequency: Weekly               |

### VIII. FORM OF ANNOUNCEMENT
- **Cards with machine-readable stubs**: Yes
- **Computer printout (paper)**
- **Reproduced documents**: Yes
- **Other**:

| PLEASE ATTACH SAMPLE |

### IX. SUBSCRIBER FEEDBACK
- **Questionnaire**
- **Interviews**
- **User evaluation of each citation**
- **Orders for documents**: Yes
- **Other**:

| Do you provide copies of documents on request? Yes |

### X. PROFILE UPDATING
- **By subscriber**
- **By indexer**
- **Automatic, by subscriber feedback to computer**
- **Other**:

| Avg. frequency of updating: |

Identify the publication that gives the most complete description of current or planned system:

None

Reprint available from respondent?

### COMMENTS (Continue on page 2)

Special Interest Group on SDI. American Society for Information Science

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III. PLANNED SYSTEMS
### SDI SYSTEM FACT SHEET

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Present no. of subscribers:
- □ Individuals
- □ Small groups
- □ Organizations
Project subscribership in 6 months

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Total number of citations per month:

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Avg. no. terms per profile:

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Avg. no. retrievals/user/run:

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<td>□ User evaluation of each citation</td>
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<td>□ Orders for documents</td>
<td>□ Other</td>
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</table>

Avg. frequency of updating:

---

**Name of Respondent:** Mrs. Marjorie R. Hyslop  
**Organization & Address:** American Society for Metals  
**Phone:** 216-338-5151

While no SDI system is in operation at the present time, we have tentative plans to install one perhaps some time during 1970. It would be based upon the index tapes generated to publish Metals Abstracts Index (companion publication to Metals Abstracts). About 2,000 documents per month are abstracted annually, selected primarily from journals and trade magazines, but including reports, books, and other generally valuable publications. The index is thesaurus controlled and indexing is to a depth of about four terms per document. Computer equipment used is IBM 1401 in 360 simulation...
### SDI SYSTEM FACT SHEET

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<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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</thead>
<tbody>
<tr>
<td>Alfred Pietrzyk</td>
<td>Linguistic Documentation Program Center for Applied Linguistics</td>
<td>☐ (You may check even if you don’t complete form.)</td>
</tr>
<tr>
<td>Associate Director</td>
<td>1717 Massachusetts Avenue, N.W. Washington, D.C. 20036</td>
<td>☐</td>
</tr>
<tr>
<td>Phone [202] 265-3100, ex. 274</td>
<td></td>
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<tr>
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<td>☐ Pilot operation</td>
<td>Program language</td>
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<td>☐ Planning stage</td>
<td>☐ Punched card equipment only</td>
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<td>Major broad subject area: Language Sciences</td>
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<th>VI. INDEXING OF PROFILES</th>
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<th>VIII. FORM OF ANNOUNCEMENT</th>
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<td>☐ P. indexer</td>
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<td>Avg. frequency updating:</td>
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Identify the publication that gives the most complete description of current or planned system:  
Reprint available from respondent?

| COMMENTS (Continue on page 2) | | |

---

Special Interest Group on SDI, American Society for Information Science 125
COMMENTS (continued)

With reference to your letter dated February 19, 1969 (AMSEL-TD-TI), the Center for Applied Linguistics may provide two responses, one of which is enclosed herewith.

I am replying on behalf of our Language Information Network and Clearinghouse System (LINCS) program under National Science Foundation Grant GN-771. Although the LINCS program is not yet operational, our long-range plans provide for several uses of the SDI approach. Compatibility with other information systems is a major consideration. In view of this, it would be very helpful if the LINCS program could be included on the mailing list for all materials dealing with SDI, including your handbook and newsletter.

FUTURE PLANS

The applicability of SDI techniques will be explored for both primary and secondary documents to be processed in the discipline-based Language Information Network and Clearinghouse System (LINCS) which is being developed by the Center for Applied Linguistics under National Science Foundation Grant GN-771.

If cost data on system is available, please check here.
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
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<tbody>
<tr>
<td>Stanley B. Gross, Ph.D.</td>
<td>Dept. of Environmental Health, University of Cincinnati, Kettering Laboratory, Cincinnati, Ohio 45219</td>
<td>(You may check even if you don’t complete form.)</td>
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### I. STATUS OF SYSTEM

- [ ] Operational
- [ ] Planning stage

**Present no. of subscribers:**
- [ ] Individuals
- [ ] Small groups
- [ ] Organisations

**Projected subscription in 6 months:** 10-50

### II. PROCESSING MODE

- [ ] Computer
- [ ] Mgr./Model
- [ ] Program language

- [ ] Punched card equipment only
- [ ] Primarily manual

### III. CITATION INPUT

- [ ] In-house documents
- [ ] Selected external documents
- [ ] External tapes

**From:** [ ] Annual reports [ ] Other (use comments block below)

**Total number of citations per month:**

### IV. TYPES OF DOCUMENTS

- [ ] Reports 10%
- [ ] Journal articles 65%
- [ ] Trade magazines 15%
- [ ] Patents 5%
- [ ] Other

**Major broad subject area:** Environmental Health, Toxicology

### V. INDEXING OF CITATIONS

- [ ] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Others

**Avg. no. terms per document:** 7/10

### VI. INDEXING OF PROFILES

- [ ] Done by subscriber
- [ ] Done by professional indexer

**Using:**
- [ ] Weights
- [ ] Logical connectors
- [ ] Links
- [ ] Truncation
- [ ] Linke
- [ ] Other

**Avg. no. terms per profile:**

### VII. MATCHING TECHNIQUE

- [ ] Boolean Logic
- [ ] Single term match
- [ ] Must terms
- [ ] Percent match

**Avg. no. retrievals/user/run:**

### VIII. FORM OF ANNOUNCEMENT

- [ ] Cards with machine-readable stub
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Other: [ ]

**Avg. frequency of updating:**

### IX. SUBSCRIBER FEEDBACK

- [ ] Questionnaire
- [ ] Interviews
- [ ] User evaluation of each citation
- [ ] Orders for documents

**Do you provide copies of documents on request?**

**Avg. frequency of updating:** Monthly, weekly, at least

### X. PROFILE UPDATING

- [ ] By subscriber
- [ ] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

### COMMENTS (Continue on page 2)

Aspirated systems will provide online or batch searches by subject, subject accession listings by authors, subjects for publication purposes. It would also increase access to a toxicology data base for further treatment.

**Special Interest Group on SDI, American Society for Information Science**
Name of Respondent: Thomas H. Rees, Jr.  
Medical Center Librarian

Organisation & Address:  
Medical Center Libraries  
University of Cincinnati  
Cincinnati, Ohio 45219

I wish to receive copies of all responses.  
(You may check even if you don't complete form.)

<table>
<thead>
<tr>
<th>Status of System</th>
<th>Processing Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer</td>
</tr>
<tr>
<td>Pilot operation</td>
<td>Mgr./Model: IBM 360/50</td>
</tr>
<tr>
<td>Planning stage</td>
<td>Program language</td>
</tr>
</tbody>
</table>

Present no. of subscribers:  
- Individuals:  
- Small groups:  
- Organisations:  
Projected subscription in 6 months:

C. Citation Input  
- In-house documents  
- Selected external documents  
- Journal articles  
- External tape  
- Trade magazines  
- From: Amer. Chem. Soc.  
- Patents  
- Other (use comment block below)

Total number of citations per month:

V. Indexing of Citations  
- Thesaurus  
- Free terms  
- Words in title  
- Automatic text analysis  
- Other:

Avg. no. terms per document:

Indexed in-house:

VII. Matching Technique  
- Boolean Logic  
- Negation  
- Weights & hit level  
- Must terms  
- Percent match  
- Other:

Avg. no. retrievals/user/run:

Run frequency:

IX. Subscriber Feedback  
- Questionnaire  
- Interviews  
- User evaluation of each citation  
- Orders for documents  
- Other:

Do you provide copies of documents on request?

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

Comments (Continue on page 2)

We had considerable trouble searching Chemical Titles on an IBM 1401, but are about to try searching Chemical-Biological Activities on the 360.

Special Interest Group on SDI, American Society for Information Science
**SDI SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anna M. Coleman</td>
<td>Dow Corning Corporation</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
<tr>
<td></td>
<td>Midland, Michigan 48640</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>517-636-8950</td>
<td></td>
</tr>
</tbody>
</table>

### I. STATUS OF SYSTEM
- Pilot operation
- Planning stage

Present no. of subscribers:
- Individuals
- Small groups
- Organizations

Projected subscribership in 6 months:

### II. PROCESSING MODE
- Computer
  - Mgr./Model: IBM 360-50
  - Program language: PL/1 (probably)
  - Punched card equipment only
  - Primarily manual

### III. CITATION INPUT
- In-house documents - Later
- Selected external documents - Much later
- External tapes - First
- From: DDC
- Other (use comment block below)

Total number of citations per month: __________

### IV. TYPES OF DOCUMENTS
- Reports __________
- Journal articles __________
- Trade magazine __________
- Patents __________
- Other __________

Major broad subject area: Silicone chemistry and related technology.

### V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:

Avg. no. terms per document: __________

Indexed in-house: __________

### VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- Weights
- Logical connectors
- Truncation
- Links
- Other:

Avg. no. terms per profile: __________

### VII. MATCHING TECHNIQUE
- Boolean Logic
- Weights & hit level
- Percent match
- Other:

Avg. no retrievals/user/run: __________

Run frequency: __________

### VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printed (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

**PLEASE ATTACH SAMPLE**

### IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

Do you provide copies of documents on request? __________

### X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

Avg. frequency of updating __________

Identify the publication that gives the most complete description of current or planned system:

We would be interested in knowing of any other companies that plan to use DDC tape, and are limited like ourselves to 9-track in-house capability: object, sharing cost of conversion. The thing is still in the planning stage so many parameters are undefined. We are delayed (1) by the programming problem resulting from the total commitment of our company’s computer operation to PL-1, and (2) by the problem of getting fiche-to-fiche reproduction capability. When we get (1) solved, we can start on (2). Meanwhile we want to learn all we can from the experience of others.

Special Interest Group on SDI, American Society for Information Science.

129
<table>
<thead>
<tr>
<th><strong>I. STATUS OF SYSTEM</strong></th>
<th><strong>II. PROCESSING MODE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer:</td>
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<tr>
<td>Pilot operation</td>
<td>Mfr./Model: IBM/360</td>
</tr>
<tr>
<td>Experimental</td>
<td>Program language: only</td>
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**Present no. of subscribers:**
- Individuals: 6
- Small groups: 2

**Projected subscribership in 6 months:** 200

<table>
<thead>
<tr>
<th><strong>III. CITATION INPUT</strong></th>
<th><strong>IV. TYPES OF DOCUMENTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>Reports: 10%</td>
</tr>
<tr>
<td>Selected external docs.</td>
<td></td>
</tr>
<tr>
<td>External tips</td>
<td>Journal articles: 90%</td>
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<tr>
<td></td>
<td>Trade magazines: 10%</td>
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<tr>
<td></td>
<td>Patents: 5%</td>
</tr>
<tr>
<td></td>
<td>Other: 5%</td>
</tr>
</tbody>
</table>

**Total number of citations per month:**

**Major broad subject area:** Education, Psychology

<table>
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<th><strong>VI. INDEXING OF PROFILES</strong></th>
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</thead>
<tbody>
<tr>
<td>Thesaurus</td>
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<tr>
<td>Words in title</td>
<td>Using:</td>
</tr>
<tr>
<td>Automatic text analysis</td>
<td>Weights</td>
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<tr>
<td>Other</td>
<td>Logical connectors</td>
</tr>
<tr>
<td>Avg. no. terms per document</td>
<td>Roles</td>
</tr>
<tr>
<td>Indexed in-house?</td>
<td>Truncation</td>
</tr>
<tr>
<td></td>
<td>Links</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td>Avg. no. terms per profile:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VII. MATCHING TECHNIQUE</strong></th>
<th><strong>VIII. FORM OF ANNOUNCEMENT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Reproduced abstracts</td>
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<tr>
<td>Most terms</td>
<td>Reproduced documents</td>
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<tr>
<td>Weights &amp; hit level</td>
<td>Other:</td>
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<td>Other:</td>
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**Avg. no. retrievals/user/run:**

**Run frequency:**

<table>
<thead>
<tr>
<th><strong>IX. SUBSCRIBER FEEDBACK</strong></th>
<th><strong>X. PROFILE UPDATING</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
<td>By subscriber</td>
</tr>
<tr>
<td>Interviews</td>
<td>By indexers</td>
</tr>
<tr>
<td>User evaluation of each citation</td>
<td>Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>Orders for documents</td>
<td>Other:</td>
</tr>
<tr>
<td>Other:</td>
<td>Avg. frequency of updating:</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Do you provide copies of documents on request?</strong></th>
<th><strong>Identify the publication that gives the most complete description of current or planned system:</strong></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Reprint available from respondent?</td>
</tr>
</tbody>
</table>

| **COMMENTS** (Continue on page 2) |

Special Interest Group on SDI, American Society for Information Science
### SIDI SYSTEM FACT SHEET

**Name of Respondent**
Keith G. Blair

**Organisation & Address**
Convair Division of General Dynamics
Library and Information Services
P. O. Box 12009
San Diego, California 92112

**Phone**
277-8960 Ext. 1073

**SYSTEM FACT SHEET**

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>Computer</td>
</tr>
<tr>
<td>Pilot operation</td>
<td>Migr./Model</td>
</tr>
<tr>
<td>Planning stage</td>
<td>Program language</td>
</tr>
</tbody>
</table>

Present no. of subscribers: [ ]

Projected subscribership in 6 months:

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<thead>
<tr>
<th>III. CITATION INPUT</th>
<th>IV. TYPES OF DOCUMENTS</th>
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</thead>
<tbody>
<tr>
<td>In-house documents</td>
<td>Reported</td>
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<tr>
<td>Selected external documents</td>
<td>Journal articles</td>
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<tr>
<td>External tape</td>
<td>Trace magazines</td>
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<tr>
<td></td>
<td>Patents</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
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</table>

Total number of citations per month:

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<tr>
<th>V. INDEXING OF CITATIONS</th>
<th>VI. INDEXING OF PROFILES</th>
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</thead>
<tbody>
<tr>
<td>Thesaurus</td>
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</tr>
<tr>
<td>Free terms</td>
<td>Done by professional indexer</td>
</tr>
<tr>
<td></td>
<td>Using:</td>
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<tr>
<td></td>
<td>Weights</td>
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<tr>
<td></td>
<td>Roles</td>
</tr>
<tr>
<td></td>
<td>Must terms</td>
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<tr>
<td></td>
<td>Percent match</td>
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</tbody>
</table>

Avg. no. terms per document:

<table>
<thead>
<tr>
<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boolean Logic</td>
<td>Cards with machine-readable stubs</td>
</tr>
<tr>
<td>Single term match</td>
<td>Computer printout (paper)</td>
</tr>
<tr>
<td></td>
<td>Reproduced abstracts</td>
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<td></td>
<td>Other:</td>
</tr>
</tbody>
</table>

Avg. no. retrievals/user/run:

<table>
<thead>
<tr>
<th>IX. SUBSCRIBER FEEDBACK</th>
<th>X. PROFILE UPDATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questionnaire</td>
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<td>Interviews</td>
<td>By Indexer</td>
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<tr>
<td>User evaluation of each citation</td>
<td>Automatic, by subscriber feedback to computer</td>
</tr>
<tr>
<td>Orders for documents</td>
<td>Other:</td>
</tr>
</tbody>
</table>

Do you provide copies of documents on request?

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

<table>
<thead>
<tr>
<th>COMMENTS</th>
<th>(Continue on page 2)</th>
</tr>
</thead>
</table>

Special Interest Group on SIDI, American Society for Information Science

131
### SDI SYSTEM FACT SHEET

**Name of Respondent:** John E. Rosenberg  
**Organisation & Address:** Commanding Officer, Harry Diamond Laboratories, ATTN: LIBRARY, Washington, D.C. 20438

**Phone Area Code:** 202, **IDS Code:** QX 69715

#### I. STATUS OF SYSTEM
- **Operational**
- **Pilot operation**
- **Plan ing stage**

**Present no. of subscribers:**
- Individual
- Small groups
- Organizations

**Projected subscription in 6 months:**

#### II. PROCESSING MODE
- **Computer**
  - Mgr./Model: __________
  - Program language: __________
  - Punched card equipment only
  - Primarily manual

#### IV. TYPES OF DOCUMENTS
- **Reports**: %
- **Journal articles**: %
- **Trade magazines**: %
- **Patents**: %
- **Other**: %

**Major broad subject area:**

#### III. CITATION INPUT
- **In-house documents**
- **Selected external documents**
- **External tape**
- **From:**

**Other (use comment block below):**

**Total number of citations per month:** __________

#### V. INDEXING OF CITATIONS
- **Thesaurus**: __________
- **Free terms**: __________
- **Words in title**: __________
- **Automatic text analysis**: __________
- **Other**: __________

**Avg. no. terms per document:** __________

**Indexed in-house?** __________

#### VII. MATCHING TECHNIQUE
- **Boolean Logic**: __________
- **Single term match**: __________
- **Weights & hit level**: __________
- **Other**: __________

**Avg. no retrievals/user/run:** __________

**Run frequency:** __________

#### IX. SUBSCRIBER FEEDBACK
- **Questionnaire**: __________
- **Interviews**: __________
- **User evaluation of each citation**: __________
- **Orders for documents**: __________
- **Other**: __________

**Do you provide copies of documents on request?** __________

**Avg. frequency of updating** __________

**Identify the publication that gives the most complete description of current or planned system:**

**Reprint available from respondent?** __________

**COMMENTS (Continue on page 2)**

SDI Program is being considered at this Installation but is still in the early planning stages and it is not possible at this time to give any details.

---

Special Interest Group on SDI, American Society for Information Science
SDI SYSTEM FACT SHEET

Name of Respondent: C. E. Merritt
Organization & Address: Technical Library Services Section, Hughes Aircraft Co., M.S. E-175, Culver City, Calif. 90230
Phone: (213) 391-0711 Ext. 3474

I. STATUS OF SYSTEM
- Operational
- Pilot operation
- Planning stage
Present no. of subscribers:
- Individuals
- Small groups
- Organizations
Projected subscribship in 6 months: 10

II. PROCESSING MODE
- Computer
  - Mgr./Model GE-635
  - Program language
- punched card equipment only
- Primarily manual

III. CITATION INPUT
- In-house documents
- Selected external documents
- External tape
From:
- Other (use comment block below)
Total number of citations per month:

IV. TYPES OF DOCUMENTS
- Reports %
- Journal articles %
- Trade magazines %
- Patents %
- Other %
Major broad subject area:

V. INDEXING OF CITATIONS
- Thesaurus
- Free terms
- Words in title
- Automatic text analysis
- Other:
Avg. no. terms per document: 5
Indexed in-house? YES

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer
Using:
- Weights
- Logical connectors
- Roles
- Truncation
- Links
- Other:
Avg. no. terms per profile:

VII. MATCHING TECHNIQUE
- Boolean Logic
- Single term match
- Weights & hit level
- Other:
Avg. no. retrievals/user/run: ?
Run frequency: ?

VIII. FORM OF ANNOUNCEMENT
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

IX. SUBSCRIBER FEEDBACK
- Questionnaire
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:
Do you provide copies of documents on request? YES
Avg. frequency of updating: Unknown

X. PROFILE UPDATING
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other:

COMMENTS (Continue on page 2)

We expect to have an in-house SDI capability within six months. We intend to be sure the system is operational, and when it is, the system will be kept in reserve for a larger throughput than can be provided for with internal reports.

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent?

Special Interest Group on SDI, American Society for Information Science
## SDI SYSTEM FACT SHEET

### Name of Respondent
**Dr. W.A. Kozumplik**

### Organisation & Address
**Lockheed Missiles & Space Co.**  
**3251 Hanover St.**  
**Palo Alto, Calif. 94304**

### Phone
*(415) 324-3311 x 4804*

---

### I. STATUS OF SYSTEM
- **Operational**
- **Pilot operation**
- **Planning stage**

### Present no. of subscribers:
- Individuals
- Small groups
- Organisations

### Projected subscribership in 6 months:

### II. PROCESSING MODE:
- **Computer**
- Mfr./Model
- **Program language**
- Punched card equipment only
- Primarily manual

### III. CITATION INPUT:
- **In-house documents**
- Selected external documents
- External tape
- From:
- Other (use comment block below)

### Total number of citations per month:

### IV. TYPES OF DOCUMENTS:
- **Reports**
- **Journal articles**
- **Trade magazines**
- **Patents**
- Other

### Major broad subject area:

### V. INDEXING OF CITATIONS:
- **Thesaurus**
- Free terms
- Words in title
- Automatic text analysis
- Other

### Avg. no. term: per document:

### Indexed in-house?

### Avg. no. terms per profile:

### VI. INDEXING OF PROFILES:
- **Done by subscriber**
- **Done by professional indexer**

### Using:
- **Weights**
- Logical connectors
- Roles
- Truncation
- Links
- Other:

### Avg. no. terms per profile:

### VII. MATCHING TECHNIQUE:
- **Boolean Logic**
- Single term match
- Weights & hit level
- Percent match
- Other:

### Avg. no. retrievals/user/run:

### Run frequency:

### VIII. FORM OF ANNOUNCEMENT:
- **Cards with machine-readable stubs**
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents
- Other:

### IX. SUBSCRIBER FEEDBACK:
- **Questionnaire**
- Interviews
- User evaluation of each citation
- Orders for documents
- Other:

### Do you provide copies of documents on request?

### Avg. frequency of updating:

### X. PROFILE UPDATING:
- **By subscriber**
- **By indexer**
- Automatic, by subscriber feedback
to computer
- Other:

### Identify the publication that gives the most complete description of current or planned system:

---

### Special Interest Group on SDI, American Society for Information Science
## SDI SYSTEM: FACT SHEET

<table>
<thead>
<tr>
<th>Name of Respondent</th>
<th>Organization &amp; Address</th>
</tr>
</thead>
</table>
| DM SIMMS            | MOBILE RESEARCH & DEVEL CORP.  
3600 DUNCANVILLE RD.  
DALLAS, TX 75236 |

| Phone | AC 214  
FE 2531 X 417 |

<table>
<thead>
<tr>
<th>I. STATUS OF SYSTEM</th>
<th>II. PROCESSING MODE</th>
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<tr>
<td>□ Operational</td>
<td>□ Computer</td>
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<tr>
<td>□ Pilot operation</td>
<td>Mgr./Model: 360/504-1</td>
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<tr>
<td>□ Planning stage</td>
<td>Program language: Fr/2</td>
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<table>
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<tr>
<th>Present no. of subscribers:</th>
<th>□ Punched card equipment only</th>
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<tbody>
<tr>
<td>Small groups</td>
<td>□ Primarily manual</td>
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</table>

| Projected subscribership in 6 months: | |

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<th>IV. TYPES OF DOCUMENTS</th>
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<tr>
<td>□ In-house documents</td>
<td>□ Reports: 40%</td>
</tr>
<tr>
<td>□ Selected external documents</td>
<td>□ Journal articles: 35%</td>
</tr>
<tr>
<td>□ External tape</td>
<td>□ Trade magazines: 15%</td>
</tr>
<tr>
<td>From VARIOUS DATA BASES</td>
<td>□ Patents: 10%</td>
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<tr>
<td>□ Other (see comment block below)</td>
<td>□ Other</td>
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| Total number of citations per month: | LINK-VARIABLE |

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<tr>
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<th>VI. INDEXING OF PROFILES</th>
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<tbody>
<tr>
<td>□ Thesaurus</td>
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</tr>
<tr>
<td>□ Free terms</td>
<td>□ Done by subscriber</td>
</tr>
<tr>
<td>□ Words in title</td>
<td></td>
</tr>
<tr>
<td>□ Automatic text analysis</td>
<td></td>
</tr>
<tr>
<td>□ Other</td>
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| Avg. no. terms per document: | LINK-VARIABLE |

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<th>VII. MATCHING TECHNIQUE</th>
<th>VIII. FORM OF ANNOUNCEMENT</th>
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<tbody>
<tr>
<td>□ Boolean Logic</td>
<td>□ Cards with machine-readable stubs (possibly)</td>
</tr>
<tr>
<td>□ Single term match</td>
<td>□ Computer printout (paper)</td>
</tr>
<tr>
<td>□ Negation</td>
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<td>□ Reproduced documents</td>
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<td>□ Other:</td>
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<tr>
<td>□ Percent match</td>
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| □ Other: |

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| Run frequency: | N.A. |

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<th>IX. SUBSCRIBER FEEDBACK:</th>
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<td>□ By subscriber</td>
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<td>□ Interviews</td>
<td>□ By indexer</td>
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<tr>
<td>□ User evaluation of each citation</td>
<td>□ Automatic, by subscriber feedback to computer — possibly</td>
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<td>□ Orders for documents</td>
<td>□ Other:</td>
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<th>Avg. frequency of updating:</th>
<th>VARIABLE</th>
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| IX. TYPE OF FILE: |

Identify the publication that gives the most complete description of current or planned system:  
**WE ARE STILL ON THE DRAWING BOARD** 
NOW COMMENTS **

Reprint available from respondent? NO

---

1. E.g., Univ. Georgia-Cosmic Ect. We will emulate but restrict to specific subsets of proprietary concern.

2. Our objective is to produce a general purpose information system that is actually just that—not a clearly disguised "one problem one system clouze." We are aiming high and we know full well that it's going to be tough. SDI is just to be one capability out of 27 problem areas to be comprehensively studied, compared to the state of the art, designed, implemented, optimized, and incorporated. If you'd like, we will keep your office informed as to progress.
<table>
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<tr>
<th>Name of Respondent</th>
<th>Organisation &amp; Address</th>
<th>I wish to receive copies of all responses.</th>
</tr>
</thead>
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<tr>
<td>Leo J. Cooney</td>
<td>Redstone Scientific Information Center, U.S. Army Missile Command, Redstone Arsenal, Ala 35807</td>
<td>(You may check even if you don't complete form.)</td>
</tr>
</tbody>
</table>

**I. STATUS OF SYSTEM**
- Operational
- Pilot operation
- Planning stage

**II. PROCESSING MODE**
- Computer
- Mgr./Model UNIVAC 1108
- Program language COBOL

**III. CITATION INPUT**
- Selected external documents: NERA, DC
- Other (use comment block below)

**IV. TYPES OF DOCUMENTS**
- Unknown
- Known documents
- Trade journals
- Patents
- Other

**V. INDEXING OF CITATIONS**
- Free terms
- Words in title
- Automatic term analysis
- Other

**VI. INDEXING OF PROFILES**
- Unknown
- Done by subscriber
- Done by professional indexer

**VII. MATCHING TECHNIQUE**
- Single term match
- Must terms
- Percent match

**VIII. FORM OF ANNOUNCEMENT**
- Cards with machine-readable stubs
- Computer printout (paper)
- Reproduced abstracts
- Reproduced documents

**IX. SUBSCRIBER FEEDBACK**
- Unknown
- Questionnaire
- Interview
- User evaluation of each citation
- Orders for documents
- Other

**X. PROFILE UPDATING**
- Unknown
- By subscriber
- By indexer
- Automatic, by subscriber feedback to computer
- Other

Identify the publication that gives the most complete description of current or planned system:

Not Published

Reprint available from respondent? No

**COMMENTS** (Continued on page 2)

The Redstone Scientific Information Center is currently designing in four phases an on-line library system (Automated Literature Processing Handling and Analysis) of the second generation to automate the acquisition, cataloging, inventory, and information retrieval functions as an integrated system. It is anticipated that SDI will be one of the major applications implemented.

Special Interest Group on SDI, American Society for Information Science
I. CARD MEDIA

Announcement cards sent in as samples were of three sizes, 7-3/4 by 3-1/4 inches (computer tab card size), 3 by 5 inches (standard library index card size), and 5 by 8 inches.

Most were printed on a computer and many came perforated in two parts, one of which is to be returned for feedback and the other for the subscriber's file. The Port-a-Punch return card, on which the subscriber can punch out a machine-readable hole indicating relevance and ordering information, is a common option.

Cards have the advantage of being durable, uniform in size, and readily adaptable for setting up a desk reference file. Some representative samples follow:

```
TO        R. LINCOLN  023
BLOG 469

FROM       28 JANUARY 1969
Ft. Detrick
Sample Cards
(See p. 18)

216-46

(CIRCLE APPROPRIATE RESPONSE NUMBER)
1. OF INTEREST: DOCUMENT REQUESTED
2. OF INTEREST: DOCUMENT NOT WANTED
3. OF INTEREST: HAVE SEEN BEFORE
4. OF NO INTEREST

METIOLOGICAL CONSIDERATIONS ON HUMAN AND ANIMAL ENTEROTOXEMIAS OF W. PERFRINGENS TYPE A\*P\*RI\*EV\*OT AR #BULL ACAD NAT MED
\*PARIS\*I\*#150616-2029 NOV 66
FR

METIOLOGICAL CONSIDERATIONS ON HUMAN AND ANIMAL ENTEROTOXEMIAS OF W. PERFRINGENS TYPE A\*P\*RI\*EV\*OT AR #BULL ACAD NAT MED
\*PARIS\*I\*#150616-2029 NOV 66
FR

METIOLOGICAL CONSIDERATIONS ON HUMAN AND ANIMAL ENTEROTOXEMIAS OF W. PERFRINGENS TYPE A\*P\*RI\*EV\*OT AR #BULL ACAD NAT MED
\*PARIS\*I\*#150616-2029 NOV 66
FR
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<tr>
<td>1. Read the Abstract</td>
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<td>2. Punch out Appropriate Box</td>
</tr>
<tr>
<td>3. If you care to comment</td>
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<tr>
<td>punch out comment box</td>
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<tr>
<td>and write your comments</td>
</tr>
<tr>
<td>on this card</td>
</tr>
<tr>
<td>4. Return this card to Technical</td>
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<tr>
<td>Reports Center</td>
</tr>
</tbody>
</table>

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**Designing for Contamination Control**

- Costs /Effectiveness /Contamination /Control/, Cleaning, Packaging
- Westinghouse-Electric Corp., Astro
- Tables, Burgess, J.A.

**Effects of Contamination in Aerospace Equipment** are well known - they can be costly and often catastrophic, but don't misjudge the toll that contaminants take in less exotic products. Uncontrolled contamination causes low yields in manufacturing, reduces service reliability, and increases maintenance and warranty costs. Contamination can be avoided, or at least controlled, by design and by specification of proper procedures. Here are design tools and techniques, and methods for implementing an effective contamination-control program.
II. PAPER PRINTOUT MEDIA

Most paper print-outs are on the standard 11 by 15 inch or 8-1/2 by 11 inch tabulating paper and occur in a wide variety of formats.

Advantages of paper print-outs are that there is plenty of room for a full bibliographic citation with abstract, and in general they provide a more versatile format. Some samples follow.
A69-10200 A MULTISTUB FILTER FOR MICROSTRIPLINE
MULTISTUB FILTER FOR MICROSTRIPLINE USING SHORTED AND OPEN STUBS
BANDPASS FILTERS BANDWIDTH
CERAMICS ELECTRICAL IMPEDANCE
ELECTRONIC FILTERS SUBSTRATES
TRANSMISSION LINES UNCLASSIFIED REPORT
ISSUE 01 CATEGORY 09

A69-10202 A MICROSTRIP NONRECI PROCAL TUNABLE YIG FILTER.
NONRECI PROCAL TUNABLE YTI RIUM-IRON GARNET MICROSTRIP FILTER DESIGN THROUG H GENERATION OF CIRCULARLY POLARIZED FIELD
BANDWIDTH ELECTRICAL MEASUREMENT
ELECTRONIC FILTERS ENERGY DISSIPATION
POLARIZATION CHARGE- SEPARATION SEMICONDUCTOR DEVICES
YTTRIUM-IRON GARNET UNCLASSIFIED REPORT
ISSUE 01 CATEGORY 09

A69-10251 CONVERGENCE CRITERIA FOR TRANSVERSAL EQUALIZERS.
TRANSVERSAL FILTERS FOR EQUALIZATION OF DATA CHANNELS WITH PULSE AMPLITUDE MODULATION, DISCUSSING PULSE EQUALIZABILITY AND CONVERGENCE
CONTINUED ON NEXT PAGE
TO ORDER DOCUMENTS ANNOUNCED IN THIS BOOKLET, WCARELY CHECK THE DESIRED ITEMS BELOW, RETURN THIS SHEET TO STINFO OFFICER.

CODE    TRUNCATED TITLE

110 (1) PROBLEMS OF INFORMATION TRANSFER IN THE MODERN 846-196
107 (1) CREATING FOUNDATIONS FOR TECHNOLOGICAL SURPRISE 844-146
115 (1) INTRODUCTION OF TOM INTO THE DCS 846-069
106 (1) AN ANALOGUE COMPUTER STUDY OF THE HUMAN CARDIOV 846-011
105 (1) ELECTROMAGNETIC RADIATION (EMR) TESTING CAPABILITY 845-571
113 (1) REJECTION OF OUTLIERS FROM DATA COLLECTIONS, A 845-960
113 (1) A-6A DIANE SYSTEM 845-821
115 (1) FURTHER INVESTIGATION OF THE TRANSMISSION OF AR 845-813
113 (1) MODEL IMPLEMENTATION FOR THE GROUND-TO-GROUND A 845-653
113 (1) MOBILITY SUPPORT FORCES APPLICATION FOR THE SH 845-582
113 (1) TECHNICAL DATA MANAGEMENT SYMPOSIUM HELD AT WAS 860-715
113 (1) TECHNICAL DATA MANAGEMENT SYMPOSIUM HELD AT WAS 860-707
114 (1) CALCULATING MACHINES AND THEIR OPERATION (SELECT 860-647
113 (1) PROJECT TINTFX 860-547
117 (1) ARTIFICIAL INTELLIGENCE: THEMES IN THE SECOND 860-487
113 (1) MANUAL OF DATA PROCESSING STANDARDS 860-430
113 (1) DEVELOPMENT OF NON-NUMERICAL SYSTEMS AND DATA RED 860-417
114 (1) COMPUTER GRATING OF GENERAL CHEMISTRY LABORATORY 860-314
106 (1) A FAST ALGORITHM FOR BOOLEAN FUNCTION MINIMIZATION 860-305
113 (1) INFORMATION PROCESSING 860-304
113 (1) ADVANCED DEVELOPMENT PROTOTYPE 860-248
102 (1) STABILIZING AVERAGES FOR MULTISTEP METHODS OF S 860-199
110 (1) DATA MANAGEMENT IN ORDINARY ENGLISH: EXAMPLES 860-122
106 (1) EXACT BAYESIAN TESTS OF SHARP HYPOTHESES 860-109

U.S. Army Electronics Command
Sample header-order sheet
(See p. 19)
PROBLEMS OF INFORMATION TRANSFER IN THE MODERN JET COCKPIT

SCHULTZ, WILLIAM C., J
FINAL REPT.
CORNELL AERONAUTICAL LAB INC RUFFALO NY

ABSTRACT
IF THE TIME TO ACT ON SIGNALS IS TO BE MAXIMIZED, AN OBJECTIVE THAT IS ASSUMED TO BE DESIRABLE, THEN MORE EMPHASIS MUST BE PLACED ON IMPROVING THE CHANCES OF ACTING QUICKLY AND PROPERLY ON THE SIGNALS THAT ARE AVAILABLE. THIS REPORT DEALS WITH FOUR FACETS OF THE PROBLEM OF IMPROVING INFORMATION TRANSFER IN THE COCKPIT: (1) DISCUSSION OF THE GAPS WHICH EXIST IN THE TRANSFER OF INFORMATION TO THE PILOT OF A JET AIRCRAFT (E.G., THE PILOT NOT HAVING SUFFICIENT INFORMATION TO QUICKLY IDENTIFY CERTAIN POTENTIALLY DANGEROUS FLIGHT CONDITIONS), (2) A TAXONOMY OF FLIGHT SAFETY RESEARCH, (3) A DISCUSSION OF HOW FLIGHT SAFETY RESEARCH MIGHT BE CORRELATED WITH CAREFUL REGARD FOR AND CONSIDERATION OF THE ABOVE TAXONOMY, AND (4) A DISCUSSION OF STEPS NOW BEING TAKEN IN A PLANNED EXPERIMENTAL APPROACH TOWARDS IMPROVEMENT OF INFORMATION TRANSFER IN THE COCKPIT. (AUTHOR)

AD-846-196 CODE: 110 MAN-MACHINE-SYSTEMS

CREATING FOUNDATIONS FOR TECHNOLOGICAL BREAKTHROUGHS IN BASIC RESEARCH.

GANDER, JOHN F., J
AIR UNIV MAXWELL AFB ALA

ABSTRACT
IN ASSESSING THE ROLE OF PLANNING AND MANAGING AIR FORCE BASIC RESEARCH PROJECTS AT THE LOWEST MANAGERIAL LEVEL, ONE UNCOVERS A VARIETY OF METHODS USED FOR PROJECT SELECTION DESIGNED TO PROVIDE THE RESEARCH PLANNER WITH ADEQUATE AND TIMELY INFORMATION. THIS STUDY DISCUSSES THE USE OF SELECTION TECHNIQUES BASED ON THE IDENTIFICATION OF CERTAIN EVALUATION PARAMETERS, AND THEIR APPLICATION AT SPECIFIC PHASE POINTS IN THE BASIC RESEARCH PLANNING CYCLE. IT CONCLUDES THAT THE USE OF SUCH TECHNIQUES IS PRACTICAL AND WILL PROVIDE THE MAXIMUM PROBABLE RETURN IN TERMS OF CREATING FOUNDATIONS FOR TECHNOLOGICAL BREAKTHROUGHS CONSENSURATE WITH AVAILABLE RESOURCES. (AUTHOR)

AD-846-146 CODE: 107 MANAGEMENT-PLANNING

INTRODUCTION OF TD/M INTO THE DCS.

TOWNLEY, J.R.
COMMUNICATIONS AND SYSTEMS INC FALLS CHURCH VA
DCA100-67-C-001A

ABSTRACT
THE OBJECTIVE OF THIS STUDY IS TO EVALUATE AND PROPOSE TECHNIQUES FOR THE INTRODUCTION OF TIME DIVISION MULTIPLEX (TDM) AND DIGITAL TRANSMISSION SYSTEMS INTO THE DEFENSE COMMUNICATION NETWORK.
III. OFFSET MEDIA

One trend noted at the October 1968 ASIS Meeting is that some of the larger information retrieval centers are moving toward printed reproduction of less selective announcement packages on a mass-produced basis.

Individual selectivity is sacrificed, but this approach offers a number of important advantages: lower cost, greater readability (using upper and lower case type), and the ability to serve a huge number of subscribers.
36. PLASTICS AND ELASTOMERS

ACTION OF LASER BEAM ON PLEXIGLAS (DESIYIE SVETOVOGO DECHA LAZER NA ORGANICHESKOYE STIKLO)
Foreign Technology Div, Wright-Patterson AFB, Ohio.
Edited machine trans of Zhurnal Prikladnoy Mehaniki i Tekhniki Materialov USSR No. 15 1968.
A Q-switched laser and a controlled output power was used in a study of the effect of laser radiation on plexiglas. Destruction was manifested by the formation of macrofractures or by the appearance of plane fractures. The type of destruction depended only on the focusing distance of the beam and not on the power of the light beam. The destruction zone had a conical form and consisted of separated dots which dispersed light. The dots concentrated at the beam entrance and near the focal point. With a decrease in focusing distance, the number of microfractures diminished and the amount of large fractures increased. (Author) AD 672 690
HCS 300 MF50 65

CARBON FIBRE REINFORCED POLYMERS AS SELF-LUBRICATING MATERIALS.
Royal Aircraft Establishment Farnborough (England).
The report describes an investigation of the friction, wear and mechanical properties of polymers reinforced with different proportions of two types of carbon fibre. During dry sliding against steel, coefficients of friction of the composites lie within a common range of 0.23-0.35 at high fibre concentrations, and rates of wear can be reduced by factors of more than 1000. Fibre reinforcement can also greatly improve the strength, stiffness and resistance to deformation under load. The most important factor influencing the wear rate is the amount of fibre present; the strength is more dependent on the fibre to polymer interface.

The practical applications of carbon fibre reinforced polymers are discussed. (Author) AD 672 749
HCS 300 MF50 65

MORPHOLOGY AND GROWTH OF EXTENDED CHAIN CRYSTALS OF POLYETHYLENE.
Institute of Polytechnic Inst, Troy, N. Y., Dept. of Chemistry.
Bernhard Wunderlich, and Louis Melillo. July 68, 30p.
The morphology and growth of extended chain crystals of polyethylene is discussed on the basis of optical and electron microscopy. The spherical habit is shown to be caused by nucleation of new lamellae on the (001) surface of lamellae. Bending of lamellae on their growth face, and thickening of lamellae. Spherulite centers have been identified down to the primary lamella. Analysis of intersections of lamellae during crystallization allowed the identification of intermediate stages of chain growth. Fracture surfaces parallel to the growth face and the (001) face are discussed. "Ripple decoration" by surface recrystallization is developed as a tool for fracture surface study. Kink bands are described as growth defects. Bending of lamellae is shown to go by slip parallel to the polymer chains. Ripple and drawn out fiber annealing is analyzed. All observations on extended chain crystals are used to propose a mechanism of extended chain crystal growth of polyethylene under elevated pressure. (Author) AD 672 839
HCS 300 MF50 65

THE RELATIONSHIP BETWEEN MORPHOLOGY AND LIGHT SCATTERING PATTERNS FOR POLYETRAFLUOROBENZENE.
Massachusetts Univ Amherst Polymer Research Inst.
Two types of light scattering patterns have been observed for polytetrafluoroethylene films. It has been postulated that these patterns arise from differences in the orientation of the optic axis with respect to the morphological unit of the structure. Films, studied by the light scattering technique, have been examined by electron microscopy and the differences between the patterns are ascribed to differences in the orientation of the lamella with respect to the plane of the film. (Author) AD 672 901
HCS 300 MF50 65
RHEO-OPTICS OF HIGH SPEED DEFORMATION: II. POLYETHYLENE AND POLYBUTENE-1.
Massachusetts Univ Amherst Polymer Research Inst.
The photographic light scattering technique was used to study the relationship between sample deformation and spherulite deformation during rapid stretching of polyethylene and polybutene-1 films. Scattering patterns are interpreted in terms of spherulite deformation theory to give the elongation ratio of the spherulite which is compared with that of the sample. At low elongations spherulite deformation is less than or equal to that of the sample indicating that an affine deformation model is a reasonable approximation. At high elongations the spherulite elongation ratio is greater than that of the sample. This is due to inhomogeneous deformation where the local deformation of the sample in the scattering region is greater than the macroscopic deformation. (Author) AD 672 902
HCS 300 MF50 65
EXPERIMENTAL DETERMINATION OF RESIDUAL STRESSES IN WINDING UNIDIRECTIONAL GLASS-FIBER-REINFORCED PLASTICS (EXPERIMENTALNOYE OPIREDENIE OSTATOCHNYKH NAPRYAZHENIY PRI NAMOTKE ODNONAPRYAZHENNYKH STEKLOPLASTIKOV).
Group Announcement Bulletin
FIELD 6/GROUP 1 - BIOCHEMISTRY

Issue No. 69-1

AC-492 8/60 6/13
ARMY BIOLOGICAL LABS FREDERICK MD
ANTIGENIC PROPERTIES OF MOLLICUTES PSEUDOMALLEI
L. MORPHOLOGICAL CULTURAL BIOCHEMICAL
CHARACTERISTICS AND VARIATIONS OF IMMUNOLOGICAL
TYPE
SEP 69 120 L. CHAMONI, Fournier
REPT. NO. TRANG-131

UNCLASSIFIED REPORT
DISTRIBUTION: NO FOREIGN WITHOUT APPROVAL OF
COMMANDING OFFICER. ARMY BIOLOGICAL LAB.
ATTN: TECHNICAL RELEASES BRANCH, FREDERICK
MD. 21701.
SUPPLEMENTARY NOTE: TRANS. OF INSTITUT PASTEUR,
PARIS, FRANCE (FRANCE) 1956.

DESCRIPTION: IMPULSE, AGGLUTINATION, ANTIGENS
ANIMAL TOXICITY, BIODESIGN, BIOCHEMICAL
STABILITY, IMMUNITY, IMMUNOLOGY, INHIBITION,
AGGLUTINATION, REAGENTS, AGGLUTINATION,
SENSITIVITY, IMMUNOSUPPRESSION, IMMUNOPROPHYLAXIS,
INHIBITION, FRANCE

THE STUDY OF THE DIFFERENT CULTURE TYPES OF
MOLLICUTUS PSEUDOMALLEI SUGGESTS THE EXISTENCE
OF THREE ANTIGENS: A HEAT-SOLUBLE ANTIGEN K AND A CAPSULAR
ANTIGEN O. THIS REPORT
DEMONSTRATES THEIR EXISTENCE BY IMMUNOLOGICAL TESTS
BASED UPON THEIR REACTION IN SENSITIVITY TO THE
ACTION OF FORMOL, ETHYL ALCOHOL, HEAT AND NORMAL
HYPOTONIC ACID AND UPON INAGGLUTINIBILITY CAUSED
BY THESE ANTIGENS. THE PROPERTIES OF THE K
ANTIGEN OF WHITMORE'S PSEUDOMALLEI OR SIMILAR TO THOSE
OF THE K ANTIGEN OF THE ENZEPAMICRINE,
THIS ANTIGEN INDICATES AN AGGLUTINABILITY WHICH MAY BE
PARTIALLY DISAGGREGATED IN TUBES AND APPEARS RAPIDLY ON
SLIDES. IT CAUSES K AND O-AGGLUTINABILITY.
ANTIGEN K BEHAVES LIKE A CAPSULAR ANTIGEN. IT
GIVES A "GRAPE TYPE" AGGLUTINATION ON CENTRIPETAL,
TOTAL AND IMMEDIATE ON SLIDES. IT DETERMINES AN
O-AGGLUTINABILITY OR HYPOTHAGGLUTINABILITY
VARIABLE ACCORDING TO THE EXTENT OF THE DISAGGREGATION
ON TO OK TO O, WHICH CAN BE TOTAL WITH A
BACTERIAL SUSPENSION TREATED WITH 50% ALCOHOL.
THE SOMATIC ANTIGEN O IS SIMILAR TO THAT OF
THE GRAM-NEGATIVES. IT GIVES GRANULAR
AGGLUTINATION BY CENTRIPETAL TANDEM ON SLIDES.
(AUTHOR)