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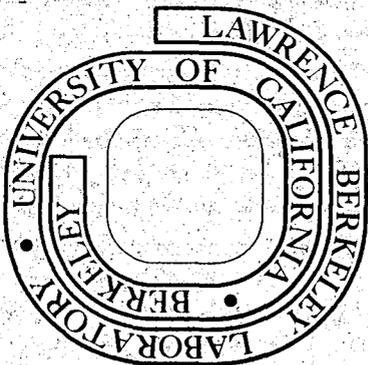
Harriet W. Zais

May 1976

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**A CONCISE GUIDE TO TWO ONLINE BIBLIOGRAPHIC
SEARCH SERVICE SYSTEMS**

Harriet W. Zais

May 1976

**Information Research Group
Lawrence Berkeley Laboratory
University of California
Berkeley, California 94720
USA**

A CONCISE GUIDE TO TWO ONLINE BIBLIOGRAPHIC
SEARCH SERVICE SYSTEMS

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A CONCISE GUIDE TO TWO ONLINE BIBLIOGRAPHIC
SEARCH SERVICE SYSTEMS

Harriet W. Zais

Abstract

This report is a guide to the bibliographic data bases offered by Lockheed Information Systems and System Development Corporation Search Service for online information searching. The following information is provided in table form for each of 48 data bases: hours the data base is available for online searching; beginning date of the computer-readable file; file size; frequency of file update; presence or absence of an abstract in the machine-readable citation; computer connect charges and off-line print charges; and additional features, search aids, or notes on the data base.

General information on the vendors' services (equipment requirements, manuals and training, system features, costs) is presented along with a brief overview of online searching. An index by acronym or data base name is provided. The report updates and supercedes UCID-3656, *A Comparison of Three Online Information Retrieval Systems* (April 1974).

A CONCISE GUIDE TO TWO ONLINE BIBLIOGRAPHIC SEARCH SERVICE SYSTEMS

Harriet W. Zais

May 1976

INTRODUCTION

This report has been created to provide a concise guide to the bibliographic data bases offered by two firms for online information searching. The firms are Lockheed Information Systems (using Lockheed's DIALOG^R retrieval system) and System Development Corporation Search Service (using SDC's ORBIT^R III retrieval system). These are the two largest commercial vendors of online information retrieval services.

The report is a revised version of UCID-3656, *A Comparison of Three Online Information Retrieval Systems* (April 1974). The comparison tables were designed originally to highlight data bases that we at Lawrence Berkeley Laboratory were interested in accessing. The great interest shown in this data base listing has prompted an updated version.

There has been remarkable growth in the field of online bibliographic information retrieval in the two years since the previous report. This paper lists 48 data bases, three times the number reported in UCID-3656. Subject coverage is much more diverse, with many more data bases accessible in the fields of engineering and technology, business, economics, and statistics. Because of this increase in the number of files and their diversity, the previous edition's arrangement of data bases by subject has been abandoned in favor of listing the data bases by sponsoring or producing agency. Arrangement was not by data base name or acronym because these are not uniformly used by the vendors. An index by data base name or acronym is provided. In addition, the number of data bases has grown too large to permit inclusion of the lists of searchable fields and retrieval codes for each data base as had been done in the earlier report.

The report is designed for those librarians, administrators, and managers who are considering becoming online service subscribers to better meet the information needs of their user community. It presupposes some familiarity with the terminology of computerized information services. The selection of these two firms is not intended to be an endorsement to the exclusion of others that may be suitable.

The report is organized as follows. Table 1 presents general information on the search service itself, e.g., whom to contact for information, equipment requirements,

costs, user aids, special features. Table 2 presents the 48 data bases from which online services are currently being supplied, listed by the name of the organization that produces or supplies the data base. Figures, hours, dates, costs, etc. contained in this report were gathered from information provided in the vendors' promotional material and user manuals and from staff members at both organizations. For each data base, the following information features are provided:

Hours Accessible: The hours that the data base is available for online searching. SDC's data bases are available in different time slots, called windows; Lockheed's data bases generally are all up all the time but the hours of service differ with days of the week. The hours given in the table for Lockheed are Pacific Time. Hours for different time zones, plus the details of SDC's access windows, are given in Appendixes A and B.

Coverage: The beginning date of the computer-readable file from which the vendor is offering service. This date does not necessarily correspond to the dates of the published material contained in the data base, i.e., there may actually be material from earlier dates in the file.

File Size: The number of records, citations, or items reported by the vendor as being in the file at the time of writing.

File Update: The frequency with which new material is added to the searchable file. Where available, some indication is given of the amount of material included in these updates. These elements given an indication of how large the data base is and how rapidly it is growing.

Abstract: The presence or absence of an abstract in the machine-readable record.

Cost: The charges for use of the data base. COMPUTER CONNECT is the dollar amount the user will be charged for each hour (prorated to the next hundredth of an hour) his or her terminal is connected online to the computer at the vendor's facility. OFF-LINE PRINTING is the amount charged per citation to have material printed at the vendor's computer facility and mailed to the user (usually within 24 hours). For Lockheed data bases, prices for the two most complete printout formats are given in the tables: format 5 (full record including abstract if present in the data base) and format 2 (citation only). Lockheed charges the shorter formats at lower rates. SDC has a single rate per citation printed, regardless of the fullness of the citation. For both vendors, these rates vary with the data base.

Special Feature: Additional services or features available from the vendors (e.g., provision of automatic current awareness service on selected data bases) or from the data base supplier (e.g., provision of photocopies or fiche of retrieved documents).

Note: Information pertinent to the data base, e.g., restrictions on the use of the data base.

Search Aids Available: Primarily intended for search aids provided by the vendor (e.g., indexes of subject terms in microform) or in some instances, by the data base supplier. Standard data base user manuals provided by the vendors are not included. This is not intended to be an exhaustive listing. Interested users are referred to Patrick Harlan's fine list of data base aids, *A Selective Guide to Data Bases and Data Base Aids*, available for \$1.50 from the Computerized Information Services, 32 Powell Library Building, University of California, Los Angeles, CA 90024.

A Brief Overview of Online Searching

In online or interactive searching, the user's terminal is connected by telephone to the computer at the search service's facility. Each user has a unique user identification code that allows access to the system and is used in billing the subscriber for the amount of time he or she was connected to the system. Each vendor has its own search language--usually simple English language statements and commands which the user keys into his terminal. The user formulates a request by using Boolean logic (AND, OR, AND NOT) to connect terms of interest. He or she can then view some of the material thus retrieved and revise the search if desired. The user can print pertinent citations, specifying the desired format, either online at the search terminal or offline at the vendor's high speed printers.

The data bases these vendors offer access to are for the most part files of bibliographic information in machine-readable form. These bibliographic citations include such elements as personal author, corporate author, document title, journal citation, keyword phrases, language, patent information, report number, and abstract. Not all elements are present in every data base, however. In addition, those elements that are present in the data base may be displayable and/or printable but not necessarily directly searchable. Each vendor, for each data base, has some subset of elements in each citation that users may search, display, and have printed. Every effort is made to have this set of elements be as complete as possible.

ACKNOWLEDGEMENTS

My deep appreciation is extended to the vendors for their cooperation. My special thanks go to Ms. Martha Bonner of SDC and to Ms. Linda Erickson and the staff of the service desk at Lockheed who patiently answered my many questions. They reviewed the draft of this report. The author, however, acknowledging the difficulty in capturing data as fluid as the current status of data base availability, is responsible for all errors of commission and omission.

This report was formatted and input into IRATE, Lawrence Berkeley Laboratory's *Interactive Retrieval And Text Editing* system, by Ms. Helaine Simmons. My deep gratitude to her for a superb job on a complex system.

This work was done with support from the U.S. Energy Research and Development Administration. Any conclusions or opinions expressed in this report represent solely those of the author(s) and not necessarily those of the Lawrence Berkeley Laboratory nor of the U.S. Energy Research and Development Administration.

TABLE 1. GENERAL SERVICE INFORMATION

	SYSTEM DEVELOPMENT CORPORATION SEARCH SERVICE	LOCKHEED INFORMATION SYSTEMS
For Information	<p>SDC Search Service 2500 Colorado Avenue Santa Monica, CA 90406 213/829-7511</p> <p>SDC Search Service 7929 Westpark Drive McLean, Virginia 22101 703/790-9850</p> <p>SDC Search Service 401 Hackensack Avenue Hackensack, NJ 07601 201/487-0571</p>	<p>Lockheed Information System Code 5020/201 3251 Hanover Street Palo Alto, CA 94304 800/227-1960 (Toll-free in Continental U.S., except California) or 415/493-4411 Ext. 45635</p> <p>For subscribers with search inquiries: 415/493-4411 Ext. 45412</p> <p>Lockheed DIALOG representatives are located in Palo Alto, CA; New York, NY; Washington, DC; and Los Angeles, CA.</p>
Membership Requirements	There are no start-up or minimum fees required to use the system.	There are no start-up or minimum fees required to use the system.
Terminals Acceptable	<p>A wide variety of terminals are compatible: ASCII-, Correspondence-, and EBCDIC-code terminals at operation speeds of 10, 15, 30, or 120 characters per second. Popular terminals: Anderson-Jacobson, Computer Devices, Datapoint, Execuport, Hazeltine, GE Terminet, IBM2741, NCR, Novar, Teletype, Texas Instruments.</p> <p>If compatible terminal is not already in user's organization, terminal can be leased or purchased by the user directly from the equipment supplier. Typical cost (depending on brand selected) of a dial-up terminal (hard copy or display) is \$85 to \$150 per month. SDC will assist user in determining compatibility requirements.</p>	<p>A wide variety of terminals are compatible: ASCII-, Correspondence-, and EBCDIC-code terminals at operation speeds of 10, 15, 30, or 120 characters per second. Popular terminals: Anderson-Jacobson, Computer Devices, Datapoint, Execuport, Hazeltine, GE Terminet, IBM2741, NCR, Novar, Teletype, Texas Instruments.</p> <p><i>Leased Line:</i> 480 cps (for high speed display terminals).</p> <p>If compatible terminal is not already in user's organization, terminal can be leased or purchased by the user directly from the equipment supplier. Typical cost (depending on brand selected) of a dial-up terminal (hard copy or display) is \$85 to \$150 per month. Lockheed will assist user in determining compatibility requirements.</p>

Costs

Online Access Rates: Computer connect time is charged at a fee per connect hour (rounded to the next hundredth of an hour). Rates vary, depending on the data base used. (See specific data bases)

Off-Line Printing Rates: The cost and content of a citation printed at the SDC facility and mailed to the user varies, depending on the data base used. (See specific data bases) Charges include postage and handling.

Overseas Users pay handling and actual postage costs.

Communications Rates: Rate for use of continental U.S., Hawaii, and Canada TYMSHARE communications network (TYMNET) is \$10/connect hour plus telephone charges to the nearest TYMSHARE city (if required).

Rate for use of TeleNet communications network is \$10/connect hour. (TeleNet is currently available only within the continental U.S. and Canada.)

Overseas Users: European TYMSHARE charge is \$22/connect hour.

User Assistance

Training: Regularly scheduled training sessions are held at SDC facilities (\$50 per person per 1-day session and \$65 per 1-1/2 day session), at cities around the U.S. and Europe (\$50 per person per 1-day session), or at the user's own organization (by special arrangement) for \$395 (up to six trainees) including computer time, communications, etc.

Training Credit: Two hours free connect time to be used within a 30-day period from the first day the user logs in.

Online Access Rates: Computer connect time is charged at a fee per connect hour (rounded to the next hundredth of an hour). Rates vary, depending on the data base used. (See specific data bases)

Off-Line Printing Rates: The cost and content of a citation printed at the Lockheed facility and mailed to the user varies, depending on the data base used and the print format selected. (See specific data bases)

Overseas Users pay actual postage costs; handling is included

Communications Rates: Rate for use of continental U.S., Hawaii, and Canada TYMSHARE communications network (TYMNET) is \$10/connect hour plus telephone charges to the nearest TYMSHARE city (if required).

Rate for use of TeleNet communication network is \$8/connect hour. (TeleNet is currently available only within the continental U.S. and Canada.)

Overseas Users: European TYMSHARE charge is \$22/connect hour.

Training: Regularly scheduled training sessions are held at Lockheed facilities (\$50 per person per 1-day session), at cities around the U.S. (\$50 per person per 1-day session), or at the user's own facility (\$200 per day plus transportation and per diem for the Lockheed instructor).

Training Credit: Up to 2 hours free connect time available during the first month of service to new users.

Manuals:

The basic ORBIT manual covering system-related features and general techniques for searching is available for \$10 per copy. Detailed supplementary manuals for each data base are an additional \$5 each.

Microform Indexes:

Alphabetical listings of subject terms are available on microfiche or microfilm. (See specific data bases)

Vocabulary Products:

SDC is the distributor or publisher/distributor for several printed vocabulary aids. (See specific data bases)

Additional Features

At the user's option, searches can be restricted to the most recently entered segment of the file for all data bases.

Specific categories of bibliographic information are directly searchable, but all categories can be searched within subsets of the file using special text-searching features, called STRINGSEARCH.

Right and middle truncation is available on all data bases; left hand truncation to be available on CHEMCON and CHEM7071 shortly. Up to 800 terms can be accumulated with the same truncation stem.

Manuals:

The two volume user manual containing appendices for all data bases is \$10 per copy.

Microform Indexes:

Microfiche copies of DIALOG merged-term subject indexes (DIALIST™) are available. (See specific data bases and Appendix C)

Searches can be limited to the most recently entered segment of the file for all files (with the exception of those files which are not updated but are completely reloaded at regular intervals).

Specific categories of bibliographic information are directly searchable in each data base. In addition, DIALOG can also search text in the title and abstract fields for any word or phrase.

Right hand truncation is available on all data bases. Up to 400 terms can be accumulated with the same truncation stem.

Selective Dissemination of Information (SDI), activated automatically, is available on several data bases. (See specific data bases)

The SEARCH•SAVE™ feature permits the storage of search sequences: (1) To search across different files (the user can execute a previously stored search sequence in any file desired). (2) To store away often-used search sequences to create a custom thesaurus that can

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-7-

be used time and time again with many different subjects and data bases. (3) To obtain current awareness by saving a search and then reexecuting it after each file update. The SEARCH•SAVE capability is available on all data bases.

Information current as of May 17, 1976.

TABLE 2. DATA BASES OFFERED FOR ONLINE SEARCHING

ABSTRACTED BUSINESS INFORMATION, INC.

INFORM abstracts major feature articles from over 300 journals in the areas of business, finance, management, economics, statistics, business law, and marketing. Journals such as *Duns Review*, *Harvard Business Review*, and *Nations Business* are abstracted.

	SDC INFORM	LOCKHEED ABI/INFORM (File 15)
Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	August 1971 -	August 1971 -
File Size	39,962 items	39,400 citations (4/16/76)
File Update	About 1,000 records added monthly	About 1,000 citations added monthly
Abstracts	Yes	Yes
Cost:		
COMPUTER CONNECT TIME	\$65/connect hour	\$65/connect hour
OFF-LINE PRINTING	\$.10/citation (includes abstract)	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Special Feature	Users may request INFORM materials from 1972 to the present that are not readily obtainable from other sources by mailing or phoning their requests to Data Courier, 620 S. Fifth Street, Louisville, KY 40202. Cost is \$2.50/reprint.	Users may request INFORM materials from 1972 to the present that are not readily obtainable from other sources by mailing or phoning their requests to Data Courier, 620 S. Fifth Street, Louisville, KY 40202. Cost is \$2.50/reprint.
Search Aids Available	Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm 3-M cartridge or 16mm reel). Cost is \$25.	

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

AMERICAN GEOLOGICAL INSTITUTE

GEO-REF provides worldwide coverage of geosciences literature: 3000 journals plus conferences, symposia, and major monographs. Provides information in such areas as areal geology, economic geology, engineering-environment geology, geochemistry, geochronology, geomorphology, hydrogeology, igneous and metamorphic petrology, mineralogy, oceanography, paleobotany, sedimentary petrology, soils, solid earth geophysics, stratigraphy, and structural geology.

SDC
GEO-REF

LOCKHEED

Hours Accessible	Access windows 1 and 3 ^a
Coverage	January 1967 -
File Size	263,000 items
File Update	About 3,000 records added monthly.
Abstract	AGI provides some title annotations where deemed necessary.
Cost COMPUTER CONNECT TIME	\$75/connect hour
OFF-LINE PRINTING	\$.20/citation
Search Aids Available	Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm 3-M cartridge or 16mm reel). Cost is \$25.

^aSee Appendix A for hourly equivalent.

**AMERICAN METEOROLOGICAL SOCIETY AND THE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**

METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS (MGA) covers meteorological and geostrophysical research published in both foreign and domestic literature. Citations are taken from approximately 200 primary sources such as technical journals, monographs in series, proceedings, reviews, and annual publications. Subject coverage includes meteorology, astrophysics, physical oceanography, hydrosphere/hydrology, environmental sciences, glaciology.

SDC

LOCKHEED
MGA (File 29)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1972 -
File Size	27,000 citations (4/1/76)
File Update	600 citations added monthly
Abstract	Yes (1972 and 1973 only)
Cost: COMPUTER CONNECT TIME	\$50/connect hour
OFF-LINE PRINTING	\$.10/citation
Special Feature	Output is sortable by author, title, and (for documents prior to 1974) document type.

^aSee Appendix B for schedule for other time zones.

AMERICAN PETROLEUM INSTITUTE

APILIT is *Citations to Refining Literature* and covers citations to the refining literature from over 150 journals in such areas as petroleum refining and petrochemicals, air and water conservation, transportation and storage, and petroleum substitutes.

SDC
APILIT

LOCKHEED

Hours Accessible	Access windows 1 and 3 ^a
Coverage	January 1964
File Size	Over 180,000 items
File Update	About 1500 records added monthly
Abstract	No
Cost:	
COMPUTER CONNECT TIME	\$60/connect hour
OFF-LINE PRINTING	\$.09/citation

^aSee Appendix A for hourly equivalents.

AMERICAN PETROLEUM INSTITUTE

APIPAT is *Citations to Refining Patents* and covers citations to both U.S. and foreign patents in the same subject areas covered by APILIT.

SDC
APIPAT

LOCKHEED

Hours Accessible	Access windows 1 and 3 ^a
Coverage	January 1974
File Size	Over 92,000 items
File Update	About 700 records added monthly
Abstract	No
Cost:	
COMPUTER CONNECT TIME	\$50/connect hour
OFF-LINE PRINTING	\$.09/citation

^aSee Appendix A for hourly equivalent.

AMERICAN PETROLEUM INSTITUTE

PETROLEUM/ENGINEERING NEWS data base covers five major publications in the petroleum and energy fields: *Platts Oilgram News Service*, *Middle East Economic Survey*, *Petroleum Intelligency Weekly*, *Petroleum Economist*, and *Oil Daily*.

SDC
P/E NEWS

LOCKHEED

Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a
Coverage	January 1975 -
File Size	Over 23,000 items
File Update	About 500 records added weekly
Abstract	No
Cost:	
COMPUTER CONNECT TIME	\$115/connect hour (Subscribers are given a reduced rate)
OFF-LINE PRINTING	\$.09/citation

^aSee Appendix A for hourly equivalent.

AMERICAN PSYCHOLOGICAL ASSOCIATION

PSYCHOLOGICAL ABSTRACTS covers the literature worldwide in psychology and other behavioral sciences from more than 2,000 periodicals, books, reports, etc.

SDC

LOCKHEED
PSYCHOL ABST (File 11)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1967 -

File Size

230,000 citations (4/1/76)

File Update

2,000 citations added monthly

Abstract

Yes

Cost:
COMPUTER
CONNECT
TIME

\$50/connect hour

OFF-LINE
PRINTING

Format 5: \$.10/citation (includes
abstract)
Format 2: \$.05/citation

Special
Feature

Search results can be sorted by
author and title.

Search Aids
Available

PSYCHOL ABST terms included in the
DIALIST merged-term index Social
Sciences.^b Microfiche are in 24X
(NMA A3) format. Cost is \$150 (full
vocabulary, approx. 45 fiche) and
\$100 (single postings excluded,
approx. 20 fiche).

Thesaurus available online.

^aSee Appendix B for schedule for other time zones.

^bSee Appendix C for additional details.

AMERICAN SOCIETY FOR METALS

METADEX data base provides comprehensive coverage of international metallurgical literature and incorporates the *Metals Abstracts Index* and, since 1974, the *Alloys Index*. About 1,100 technical journals plus conference papers, technical reports, and books are covered.

SDC

LOCKHEED
METADEX (File 32)Hours
AccessiblePacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1966 -

File Size

Approximately 300,000 citations

File Update

Over 2000 citations added monthly

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$80/connect hour

OFF-LINE
PRINTING

\$.12/citation

Search Aids
Available

An online thesaurus is provided

^aSee Appendix B for schedule for other time zones.

AMERICAN SOCIETY FOR METALS

WORLD ALUMINUM ABSTRACTS data base covers the world's technical literature on aluminum, ranging from ore processing through end use.

SDC

LOCKHEED
WORLD ALUMINUM ABSTRACTS
(File 33)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1968 -
File Size	43,000 citations
File Update	550 citations added monthly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$50/connect hour
OFF-LINE PRINTING	\$.10/citation

^aSee Appendix B for schedule for other time zones.

BIOLOGICAL ABSTRACTS, INC.

BIOSIS PREVIEWS contains citations from both *Biological Abstracts* and *Bioresearch Index*. It provides comprehensive worldwide coverage of research in the life sciences from nearly 8,000 primary journal and monograph titles plus review journals, conference proceedings, technical reports, and letters, symposia, and reviews.

SDC

LOCKHEED
BIOSIS (File 5)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1972 -

File Size

1,030,000 citations

File Update

About 20,000 records added monthly

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$65/connect hour

OFF-LINE
PRINTING

\$.10/citation

Special
Feature

SDI: Standard profile of 15 descriptors and 25 hits per month is \$7.50/month or \$90/year. Extra descriptors, \$.50 each; extra prints, \$.10 each.

Search Aids
Available

(1) BIOSIS terms included in the DIALIST merged-term indexes Sciences I and Sciences II.^b Microfiche are in 24X (NMA A3) format. Cost is \$225 (full vocabulary, approx. 140 fiche) and \$125 (single postings excluded, approx. 70 fiche).
(2) *Biological Abstracts* and *Bioresearch Index* contain information that can be useful in searching BIOSIS. Plus, a variety of search aids are available from Customer Service Bureau, BioSciences Information Service of Biological Abstracts, 2100 Arch Street, Philadelphia, PA 19103 (with prepayment).

^aSee Appendix B for schedule for other time zones.
^bSee Appendix C for additional details.

CAPITOL SERVICES, INC.

CONGRESSIONAL RECORD ABSTRACTS (CRECORD) data base provides current information on the activities and plans of the U.S. Congress. It indexes all information in the *Congressional Record*, covering 275 legislative areas.

SDC

LOCKHEED

[Scheduled for June 1976]

Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a
Coverage	2nd Session - 94th Congress (January 1976) -
File Size	40,000 citations
File Update	7,000 citations added monthly
Abstract	"Capsulation"

Cost
COMPUTER
CONNECT
TIME

OFF-LINE
PRINTING

Search Aids
Available

^aSee Appendix A for hourly equivalent.

CENTER FOR VOCATIONAL EDUCATION

AIM/ARM (*Abstracts of Instructional and Research Materials*) provides information on a wide range of topics in vocational and technical education including agricultural education, consumer education, health occupations education, industrial arts education, occupational guidance, manpower economics. It indexes instructional materials developed by local school districts, state departments of education, curriculum development laboratories, and industrial organizations, among others.

SDC

LOCKHEED
AIM/ARM (File 9)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	September 1967
File Size	25,000 citations
File Update	About 2,000 records added quarterly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$25/connect hour
OFF-LINE PRINTING	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Search Aids Available	The AIM/ARM thesaurus can be accessed online.

^aSee Appendix B for schedule for other time zones.

CHEMICAL ABSTRACTS SERVICE

CA CHEMICAL NAME DICTIONARY (CHEMNAME) provides CAS Registry Numbers, CA Index Names, molecular formulas, and synonyms for chemical substances covered by CASIA.

	SDC	LOCKHEED CHEMNAME (File 31)
Hours Accessible		Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage		--
File Size		765,000 items (4/1/76)
File Update		10,000 items monthly
Abstract		Not applicable
Cost: COMPUTER CONNECT TIME		\$60/connect time
OFF-LINE PRINTING		\$.12/item
Special Feature		Can obtain CAS Registry Numbers for use in CASIA file.

^aSee Appendix B for schedule for other time zones.

CHEMICAL ABSTRACTS SERVICE

CA SUBJECT INDEX ALERT (CASIA) provides general subject index headings and CAS Registry Numbers for documents covered by CA CONDENSATES.

	SDC [To be available 1976]	LOCKHEED CASIA (File 30)
Hours Accessible		Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage		January 1973 -
File Size		1 million items (4/1/76)
File Update		26,000 items added monthly
Abstract		No
Cost: COMPUTER CONNECT TIME		\$60/connect hour
OFF-LINE PRINTING		\$.12/item
Special Feature		Can switch between CA CONDENSATES and CASIA and combine and/or display records from either.
Search Aids Available		LRS will act as an intermediary for individuals to obtain CAS Search Aids at licensed center rates.

^aSee Appendix B for schedule for other time zones.

CHEMICAL ABSTRACTS SERVICE

CHEMICAL ABSTRACTS CONDENSATES provides bibliographic citations plus keyword index phrases from corresponding issues of *Chemical Abstracts*. Covers biochemistry, organic chemistry, macromolecular chemistry, applied chemistry and chemical engineering, physical and analytical chemistry.

	SDC CHEMCON and CHEM7071	LOCKHEED CA CONDENSATES (File 3)
Hours Accessible	European access window 0 ^a (CHEMCON and CHEM7071) Access windows 1, 2, and 3 ^a (CHEMCON) Access window 2 ^a (CHEM7071)	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	CHEM7071: 1970 - 1971 CHEMCON: January 1972 -	January 1972 -
File Size	CHEM7071: 580,000 records CHEMCON: 1.3 million records	Over one million records
File Update	About 12,000 records added biweekly to CHEMCON	26,000 citations added monthly
Abstract	No	No
Cost:		
COMPUTER CONNECT TIME	\$60/connect hour	\$45/connect hour
OFF-LINE PRINTING	\$.12/citation	\$.08/citation
		SDI: Standard profile of 15 descriptors and 25 hits per month is \$7.50/month or \$90.00/year. Extra descriptors, \$.50 each; extra prints, \$.08 each.
Special Feature	Left hand truncation (to be available 1976).	Can switch between CA CONDENSATES and CASIA and combine and/or display records from either.
Search Aids Available	(1) Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm 3-M cartridge or 16mm reel). Cost is \$60. (2) SDC will act as an intermediary for individuals to obtain CAS search aids at licensed center rates.	(1) CAC terms included in the DIALIST merged-term indexes Sciences I and Sciences II. ^c Microfiche are in 24X (NMA A3) format. Cost is \$225 (full vocabulary, approx. 140 fiche) and \$125 (single postings excluded, approx. 70 fiche). (2) LRS will act as an intermediary for individuals to obtain CAS Search Aids at licensed center rates.

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

^cSee Appendix C for additional details.

CONGRESSIONAL INFORMATION SERVICE

ASI is based on the *American Statistics Index* and covers statistical publications of the U.S. government including periodicals, annuals, biennials, surveys, analytical reports, statistical compilations, etc.

	SDC ASI	LOCKHEED
Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a	
Coverage	January 1973 - (some coverage of materials from the 1960's)	
File Size	Over 20,000 items	
File Update	About 500 records added monthly	
Abstract	Yes	
Cost:		
COMPUTER CONNECT TIME	\$120/connect hour (subscribers are given a reduced rate)	
OFF-LINE PRINTING	\$.25/citation (including abstract)	
Special Feature	SDC joins CIS in providing a trial service which allows users to place their orders online for microfiche copies of individual U.S. government documents identified through the use of CIS products. SDC Search Service users establish a deposit account with CIS and enter their orders with a special command into the SDC "electronic mailbox."	
Search Aids Available	(1) CIS makes available a "starter set" of their annual indexes to SDC users who are not currently subscribers. These are necessary to have available the controlled vocabulary authority for the data base. Cost of the "starter set" of index and abstracts is \$100 for the ASI data base or \$150 for both CIS and ASI data bases. (Cost can be applied toward regular subscription within six months.) (2) A checklist, " <i>Periodicals and Sources: A List of Federal Statistical Publications</i> ," giving the titles, availability, depository status, etc. of the government periodicals that are covered in the ASI data base is available at no charge from CIS, Department L, 7101 Wisconsin Avenue, Washington, DC 20014.	

^aSee Appendix A for hourly equivalent.

CONGRESSIONAL INFORMATION SERVICE

CIS INDEX is based on the *Congressional Information Service Index* and covers U.S. Congress publications including hearings; committee prints; House and Senate reports, documents, and special publications; Senate Executive reports and documents, etc. Broad subject coverage.

SDC CIS INDEX

LOCKHEED

Hours Accessible	European access window 0 ^a Access windows 1, 2, 3 ^a
Coverage	January 1970 -
File Size	Over 50,000 items
File Update	About 900 records added monthly
Abstract	Yes
Cost:	
COMPUTER CONNECT TIME	\$120/connect time (subscribers are given a reduced rate)
OFF-LINE PRINTING	\$.25/citation (including abstract)
Special Feature	(1) SDC joins CIS in providing a trial service which allows users to place their orders online for microfiche copies of individual U.S. government documents identified through the use of CIS products. SDC Search Service users establish a deposit account with CIS and enter their orders with a special command into the SDC "electronic mailbox." (2) CIS also makes available on microfiche the entire collection of documents covered by the CIS INDEX (except for interim congressional calendars). Standing orders are available for the full- and non-depository-item (limited)-collections.
Search Aids Available	CIS makes available a "starter set" of their annual indexes to SDC users who are not currently subscribers. These are necessary to have available the controlled vocabulary authority for the data base. Cost is \$100 for the CIS set or \$150 for both the CIS and ASI set. (Cost can be applied toward regular subscription within six months.)

^aSee Appendix A for hourly equivalent.

THE COUNCIL FOR EXCEPTIONAL CHILDREN

EXCEPTIONAL CHILDREN ABSTRACTS data base provides comprehensive coverage of all current literature concerned with the education of handicapped and gifted children, including textbooks, teacher training books, commercially published books, journal articles, curriculum and teaching guides, program descriptions, research reports, conference reports.

SDC	LOCKHEED CEC (File 4)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1966 -
File Size	Over 20,000 citations (about one-quarter of these citations are included in ERIC (File 1))
File Update	About 750 citations added quarterly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$25/connect hour
OFF-LINE PRINTING	\$.08/citation
Search Aids Available	(1) EXCEPT CHILD ABST terms included in the DIALIST merged-term index Social Sciences. ^b Microfiche are in 24X (NMA.A3) format. Cost is \$150 (full vocabulary, approx. 45 fiche) and \$100 (single postings excluded, approx. 20 fiche). (2) A "working copy" of the CEC thesaurus is available. Send \$7.50 to Ms. Gayle Massarella, Council for Exceptional Children, 1920 Association Drive, Reston, VA 22091. (3) DIALOG users can obtain assistance in setting up CEC searches from the CEC Library staff by calling 703/620-3660 and asking for Gail, Dorothy, or Lynn in the Library.

^aSee Appendix B for schedule for other time zones.

^bSee Appendix C for additional details.

DATA COURIER, INC.

ISMEC is a mechanical engineering and engineering management data base containing abstracts from 250 journals published throughout the world plus relevant material from more than 2,000 periodicals in physics and engineering received by INSPEC, books, reports, and conference proceedings.

SDC

LOCKHEED
ISMEC (File 14)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1973 -
File Size	42,600 citations (4/1/76)
File Update	1,400 citations added monthly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$45/connect hour
OF-LINE PRINTING	\$.10/citation
Search Aids Available	ISMEC terms included in the DIALIST merged-term index Engineering and Technology. ^b Microfiche are in 24X (NMA A3) format. Cost is \$200 (full vocabulary, approx. 145 fiche) and \$125 (single postings excluded, approx. 40 fiche).

^aSee Appendix B for schedule for other time zones.

^bSee Appendix C for additional details.

DATA COURIER, INC.

OCEANIC ABSTRACTS provides worldwide coverage of technical literature on the seas of the world, oceanography, and marine-related literature.

SDC	LOCKHEED OA (File 28)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1964 -
File Size	88,400 citations (4/1/76)
File Update	1,200 citations added bimonthly
Abstract	Yes (1967 only)
Cost: COMPUTER CONNECT TIME	\$55/connect hour
OFF-LINE PRINTING	\$.10/citation
Special Features	Users may request OA materials from 1964 to the present that are not obtainable from library sources. Photocopy requests must be submitted to OA on Document Retrieval Order forms obtainable from OA Retrieval Department, 620 S. Fifth Street, Louisville, KY 40202.
Search Aids Available	(1) The printed form of Oceanic Abstracts contains useful search information. (2) Individual copies of two lists, <i>Keyword Master List</i> and <i>Master List of Serial Publications</i> , are available without charge from Mr. Thomas H. Hogan, Data Courier, Inc., 620 S. Fifth Street, Louisville, KY 40202.

^aSee Appendix B for schedule for other time zones.

DATA COURIER, INC. AND SPECIAL LIBRARIES ASSOCIATION

PHARMACEUTICAL NEWS INDEX (PNI) provides a comprehensive index to all items appearing in four weekly publications: *Drug Research Reports* ("The Blue Sheet"); *FDA Reports* ("The Pink Sheet"); *The PMA Newsletter*; and the *Washington Drug and Device Letter* plus *FDC Reports*.

SDC
PNI

[Scheduled for June 1976]

LOCKHEED

[Scheduled for June 1976]

Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a
Coverage	January 1976 - FDA Reports only: 1974 and 1975
File Size	20,000 records
File Update	700 records added monthly
Abstract	Yes
Cost COMPUTER CONNECT TIME	
OFF-LINE PRINTING	
Search Aids Available	

^aSee Appendix A for hourly equivalent.

DERWENT PUBLICATIONS, LONDON

RINGDOC is pharmaceutical literature.

SDC
RINGDOC

LOCKHEED

Hours Accessible	European access window 0 ^a Access window 2 ^a
Coverage	July 1964 -
File Size	Over 425,000 records
File Update	About 7,000 records added monthly
Abstract	No
Cost:	
COMPUTER CONNECT TIME	\$125/connect hour <i>Note:</i> Includes network communications in U.S.; from Europe, add \$10/hour.
OFF-LINE PRINTING	\$.15/citation
Note	This data base is available only to RINGDOC subscribers.

^aSee Appendix A for hourly equivalent.

DERWENT PUBLICATIONS, LONDON

WPI is world-wide patents information.

**SDC
WPI**

LOCKHEED

Hours Accessible	Access windows 1 and 3^a
Coverage	1963
File Size	Over 800,000 records
File Update	About 8,000 records added monthly
Abstract	No
Cost:	
COMPUTER CONNECT TIME	\$100/CONNECT HOUR Note: Includes network communication in U.S.; from Europe, add \$10/hour.
OFF-LINE PRINTING	\$.14/citation
Note	This data base is available only to WPI subscribers.

^aSee Appendix A for hourly equivalent.

ENGINEERING INDEX, INC.

COMPENDEX data base corresponds to issues of *Engineering Index Monthly*. Coverage includes civil-environmental-geological engineering; mining-metals-petroleum-fuel engineering; mechanical-automotive-nuclear-aerospace engineering; electrical-electronics-control engineering; chemical agricultural-food engineering; and industrial engineering, management, mathematics, physics, and instruments. **COMPENDEX** provides worldwide coverage from 3,500 journals, engineering society publications, conference proceedings, selected government reports, and books.

	SDC COMPENDEX	LOCKHEED COMPENDEX (File 8)
Hours Accessible	Access windows 1 and 3 ^a	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12n
Coverage	January 1970 -	January 1970 -
File Size	Over 425,000 items	448,000 items (4/1/76)
File Update	About 6,000 records added monthly	About 6,000 items added monthly
Abstract	Yes	Yes
Cost:		
COMPUTER CONNECT TIME	\$65/connect hour	\$65/connect hour
OFF-LINE PRINTING	\$.10/citation (includes abstract)	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Special Feature		SDI: Standard profile of 15 descriptors and 25 hits per month is \$7.50/month or \$90/year. Extra descriptors, \$.50 each; extra prints are normal price for format selected.
Search Aids Available	(1) Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm reel or 16mm 3-M cartridge). Cost is \$50. (2) Engineering Index, Inc.'s 1970 SHE (Subject Headings for Engineering) available from SDC for \$10.	COMPENDEX terms included in the DIALIST merged-term index Engineering and Technology. ^c Microfiche are in 24X (NMA A3) format. Cost is \$200 (full vocabulary, approx. 45 fiche) and \$125 (single postings excluded, approx. 40 fiche).

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

^cSee Appendix C for additional details.

THE FOUNDATION CENTER

FOUNDATION DIRECTORY provides descriptions of more than 2500 foundations which have assets of \$1 million or more or which make grants of \$500,000 or more annually. These foundations account for nearly 90 percent of the assets of all foundations in the U.S. and 80 percent of all foundation giving. Principal sources of information are voluntary reports by many foundations and information from public information returns filed with Internal Revenue Service.

SDC

LOCKHEED FNDTN DIRECTORY (File 26)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	Current file, covering 1 year's data
File Size	2,500 listings
File Update	Completely revised semiannually
Abstract	Statement of "purpose and activities"
Cost: COMPUTER CONNECT TIME	\$60/connect hour
OFF-LINE PRINTING	\$.30/citation
Special Feature	Output is sortable by foundation name, foundation state, assets amount, and grant amount.
Search Aids Available	(1) Introductory section of the hard-copy version of the data base contains useful information on foundations and their general policies. (2) A booklet for grant seekers, "About Foundations: How to Find the Facts You Need to Get a Grant" (\$2.00), is available (with prepayment) from The Foundation Center Library, 888 Seventh Avenue, New York, NY 10019.

^aSee Appendix B for schedule in other time zones.

THE FOUNDATION CENTER

FOUNDATION GRANTS INDEX contains information on grants awarded by more than 400 major American philanthropic foundations, representing all records from the "Foundation Grants Index" section of the bimonthly *Foundation News*. Grants are given primarily in the fields of education (the most favored field), health, welfare, sciences, international activities, humanities, and religion. Grants to individuals and grants of less than \$5,000 are not included.

SDC	LOCKHEED FNDTN GRANTS INDEX (File 27)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1973 -
File Size	27,000 citations (4/1/76)
File Update	About 200 records added bimonthly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$60/connect hour
OFF-LINE PRINTING	\$.30/citation
Special Feature	Output is sortable by foundation name, foundation state, recipient name, recipient state, and grant amount.
Search Aids Available	(1) "Keywords and Phrases" index from the hard-copy version of data base is useful in search formulation. (2) A booklet for grant seekers, <i>About Foundations: How to Find the Facts You Need to Get a Grant</i> (\$2.00), is available (with prepayment) from The Foundation Center Library, 888 Seventh Avenue, New York, NY 10019.

^aSee Appendix B for schedule in other time zones.

IFI/PLENUM DATA COMPANY

CLAIMS/CHEM covers U.S. chemical and chemically related patents plus equivalents from Belgium, Great Britain, Germany, and The Netherlands.

SDC

**LOCKHEED
CLAIMS/CHEM (File 23)**

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1950 -

File Size

392,000 citations (4/1/76)

File Update

2,000 citations added monthly

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$150/connect hour

OFF-LINE
PRINTING

\$.10/citation

^aSee Appendix B for schedule for other time zones.

IFI/PLENUM DATA COMPANY

CLAIMS/GEM covers U.S. general, electrical, and mechanical patents.

SDC

LOCKHEED
CLAIMS/GEM (File 24)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1975 -

File Size

60,700 citations (4/1/76)

File Update

4,200 citations added monthly

Abstract

No

Cost:

COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

\$.10/citation

^aSee Appendix B for schedule for other time zones.

INFORMATION DYNAMICS CORPORATION

LIBCON is Library of Congress cataloging in all subject areas in monographic literature and audiovisual materials. Includes MARC records.

SDC
LIBCON/E and/F

LOCKHEED

Hours Accessible	LIBCON/E, F: European access window 0 ^a LIBCON/E: Access window 2 ^a LIBCON/F: Access window 2 on Thursdays ^a
Coverage	January 1965 - (however, many publications in the file predate the 20th century)
File Size	Over 1.7 million records
File Update	About 7,000 records added weekly LIBCON/F: Monthly
Abstract	No
Cost: COMPUTER CONNECT TIME	\$120/connect hour
OFF-LINE PRINTING	\$.25/citation
Note	Two different data bases are available: LIBCON/E for English materials LIBCON/F for non-English materials

^aSee Appendix A for hourly equivalent.

INSTITUTE FOR SCIENTIFIC INFORMATION

SCISEARCH^R is an interdisciplinary and multidisciplinary index to the journal literature of the "hard" sciences, including chemistry, biology, engineering, and medicine. It contains every item that appears in the printed *Science Citation Index* plus about 80,000 items per year that are indexed in various editions of *Current Contents* but which are not indexed in the printed *Science Citation Index*. In 1976, 2,614 journals will be covered on an item-by-item basis; in addition, all the items appearing in 1,050 other journals of science and technology will be indexed by author, etc., but will not include citation indexing. SCISEARCH offers retrieval by the author's cited references and is current within six weeks of primary publication.

SDC	LOCKHEED SCISEARCH (File 34)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1974 -
File Size	962,000 items (4/1/76)
File Update	42,000 items added monthly
Abstract	No
Cost: COMPUTER CONNECT TIME	\$70/connect hour
OFF-LINE PRINTING	\$.10/citation
Special Feature	Capability for online document ordering from ISI's OATS TM (Original Article Tearsheets Service) is planned for late Summer 1976.
Search Aids Available	(1) SCISEARCH terms included in the DIALIST merged-term indexes Science I and Science II. ^b Microfiche are in 24X (NMA A3) format. Cost is \$225 (full vocabulary; approx. 140 fiche) and \$125 (single postings excluded, approx. 70 fiche). (2) A packet of search aids for SCISEARCH is available without charge from Mr. Richard Sweet, Manager, Data Base Marketing, Institute for Scientific Information, 325 Chestnut Street, Philadelphia, PA 19106.

^aSee Appendix B for other time zones.

^bSee Appendix C for additional details.

INSTITUTE FOR SCIENTIFIC INFORMATION

SOCIAL SCISEARCH^R is an interdisciplinary and multidisciplinary index to the journal literature of the social sciences including anthropology, the behavioral sciences, business and finance, economics, education, industrial relations, linguistics, political science, psychology, social work, and sociology. It corresponds to the printed *Social Sciences Citation Index*. SSCI indexes articles and editorial items from over 1,000 social sciences journals and selectively covers articles from another 2,200 journals. There is some monographic coverage. SOC SCISEARCH offers retrieval by author's cited reference.

SDC

LOCKHEED SOC SCISEARCH (File 7)

Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	1972 -
File Size	Over 367,500 citations
File Update	About 9,500 citations added monthly
Abstract	No
Cost: COMPUTER CONNECT TIME	\$70/connect hour
OFF-LINE PRINTING	Format 5: \$.10/citation (full record) Format 2: \$.05/citation (citation only)
Special Feature	Capability for online document ordering from ISI's OATS (Original Article Tearsheets Service) is planned for late Summer 1976.
Search Aids Available	SOC SCISEARCH terms included in the DIALIST merged-term index Social Sciences. ^b Microfiche are in 24X (NMA A3) format. Cost is \$150 (full vocabulary, approx. 45 fiche) and \$100 (single postings excluded, approx. 20 fiche).

^aSee Appendix B for complete DIALOG schedule.

^bSee Appendix C for additional details.

THE INSTITUTION OF ELECTRICAL ENGINEERS

INSPEC provides information from the corresponding issues of *Physics Abstracts*; *Electrical and Electronics Abstracts*; and *Computer and Control Abstract*. INSPEC includes journal papers from over 2,000 journals worldwide, conference proceedings, technical reports, books, patents, and university theses.

SDC	LOCKHEED INSPEC (File 12, 13)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1969 -
File Size	812,500 citations (4/1/76)
File Update	5,400 citations added monthly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$45/connect hour
OFF-LINE PRINTING	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Note	LRS offers the data base in two files: File 12 is <i>Physics Abstracts</i> . File 13 includes both <i>Electrical and Electronics Abstracts</i> and <i>Computers and Control Engineering</i> .
Search Aids Available	(1) INSPEC terms included in the DIALIST merged-term index Engineering and Technology. ^b Microfiche are in 24X (NMA A3) format. Cost is \$200 (full vocabulary, approx. 145 fiche) and \$125 (single postings excluded, approx. 40 fiche). (2) <i>INSPEC Thesaurus 1975</i> . Cost is U.S. \$60. Hardcopy is not available from LRS but the thesaurus is available online. The printed volume includes an alphabetical listing of all terms, showing relationships; a tree-structured listing; and a classified listing. To acquire the printed thesaurus: (For customers in the Americas) IEEE Marketing Dept., 445 Hoes Lane, Piscataway, NJ 08854, Attention: D. H. Gieb. (For customers in the rest of the world) INSPEC Marketing Dept., The Institution of Electrical Engineers, P O Box 26, Hitchin SG5 1RS, Herts, England (The price is 25 pounds sterling.)

^aSee appendix B for schedule for other time zones.

^bSee appendix C for additional details.

NATIONAL AGRICULTURAL LIBRARY

CAIN is a Cataloging and Indexing data base that covers worldwide journal and monographic literature in agriculture and related fields: rural sociology; economics; consumer protection and human nutrition; animal science; veterinary medicine; forestry and plant-related areas; chemistry; natural resources; entomology; and agricultural engineering. It is the complete *Bibliography of Agriculture* file and includes the contents of the NAL catalog.

	SDC CAIN	LOCKHEED CAIN (File 10)
Hours Accessible	European access window 0 ^a Access window 2 ^a	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1970 -	January 1970 -
File Size	Over 750,000 items	765,000 items (4/1/76)
File Update	Approximately 12,000 records added monthly	About 10,000 items added monthly
Abstract	The Food and Nutrition Collection and the Agricultural Economics Collection contain abstracts.	The Food and Nutrition Collection and the Agricultural Economics Collection contain abstracts.
Cost: COMPUTER CONNECT TIME	\$35/connect hour	\$25/connect hour
OFF- LINE PRINTING	\$.06/citation	\$.05/citation
Special Feature		(1) SDI: Standard profile of 15 descriptors and 25 hits per month is \$6/month or \$72/year. Extra descriptors are \$.50 each; extra prints, \$.05 each. (2) CAIN output is sortable by author, title, and call number. (3) Users may send requests to NAL for material not readily available from other sources, using the call number and citation obtained from the online search. Prepayment must accompany the order.
Search Aids Available	Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm reel or 16mm 3-M cartridge). Cost is \$40.	CAIN terms included in the DIALIST merged-term index Science II. ^c Microfiche in 24X (NMA A3) format. Cost is \$225 (full vocabulary, approx. 140 fiche). and \$125 (single postings excluded, approx. 70 fiche).

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

^cSee Appendix C for additional details.

NATIONAL INSTITUTE OF EDUCATION

The ERIC (Educational Resource Information Center) file contains information from the corresponding issues of *Resources in Education* (RIE) (ED accession numbers) and *Current Index to Journals* (CIJE) (EJ accession numbers). ERIC provides information on report and periodical literature in many education and education-related areas such as counseling and personnel services; career education; educational management; information resources; languages and linguistics; reading and communications; etc.

	SDC ERIC	LOCKHEED ERIC (File 1)
Hours Accessible	Access windows 1 and 3 ^a	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1966 -	January 1966 -
File Size	Over 240,000 items	242,500 items (4/1/76)
File Update	About 2500 records added monthly	About 2500 items added monthly
Abstract	Yes	Yes
Cost: COMPUTER CONNECT TIME	\$35/connect hour	\$25/connect hour
OFF-LINE PRINTING	\$.08/citation (includes abstract)	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Special Feature		SDI: Standard profile of 15 descriptors and 25 hits per month is \$6/month or \$72/year. Extra descriptors, \$.50 each; extra prints are normal price for format selected.
Search Aids Available	<i>Thesaurus of ERIC Descriptors</i> (6th ed.) is available from SDC. Cost is \$10.	(1) ERIC terms included in the DIALIST merged-term index Social Sciences. ^c Microfiche are in 24X (NMA A3) format. Cost is \$150 (full vocabulary, approx. 45 fiche) and \$100 (single postings excluded, approx. 20 fiche). (2) <i>Thesaurus of ERIC Descriptors</i> is included online.

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

^cSee Appendix C for additional details.

NATIONAL TECHNICAL INFORMATION SERVICE

NTIS data base corresponds to the *Weekly Government Abstracts* and the semimonthly *Government Reports Announcements*. It is a broad and cross-disciplinary file containing citations and abstracts of government sponsored R and D reports from over 240 agencies (NASA, ERDA, HEW, HUD, Commerce, DOD, etc.) plus other government analyses prepared by federal agencies or their contractors and grantees.

	SDC NTIS	LOCKHEED NTIS (File 6)
Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	January 1970 -	January 1964 -
File Size	Over 340,000 items	509,500 citations (4/1/76)
File Update	About 2,300 records added biweekly	About 2,300 citations added biweekly
Abstract	Yes	Yes
Cost:		
COMPUTER CONNECT TIME	\$45/connect hour	\$35/connect hour
OFF-LINE PRINTING	\$.08/citation	Format 5: \$.10/citation (includes abstract) Format 2: \$.05/citation
Special Feature	Users may order NTIS documents online by establishing a deposit account with NTIS and entering their orders with a special command into the SDC "electronic mailbox."	Capability for online document ordering is planned for late Summer 1976.
Search Aids Available	Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm 3-M cartridge or 16mm reel). Cost is \$50.	NTIS terms included in the DIALIST merged-term index Engineering and Technology. ^c Microfiche are 24X (NMA A3) format. Cost is \$200 (full vocabulary, approx. 145 fiche) and \$125 (single postings excluded, approx. 40 fiche).

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

^cSee Appendix C for additional details.

POLLUTION ABSTRACTS, INC.

POLLUTION data base corresponds in coverage to the printed *Pollution Abstracts* publication. It covers reports, journals, contract and patents, symposia, and government documents (foreign and domestic) in the areas of water, marine, land, and thermal pollution; pesticides; sewage and waste treatments; and legal developments.

SDC
POLLUTION

LOCKHEED

Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a
Coverage	January 1970
File Size	Over 42,000 items
File Update	About 1,000 records added bimonthly
Abstract	No
Cost: COMPUTER CONNECT TIME	\$90/connect hour
OFF-LINE PRINTING	\$.15/citation
Search Aids Available	Alphabetical listings of subject terms with number of postings for each term. Available on both microfiche and microfilm (16mm 3-M cartridge or 16mm reel). Cost is \$25.

^aSee Appendix A for hourly equivalent.

PREDICASTS, INC.

PTS DOMESTIC STATISTICS provides time series and forecasts on U.S. economics, demographics, finance, and production. File contains *Predicasts Statistical Abstracts* (published forecasts); *Predicasts Composites* (annual historical data since 1960 and consensus of published forecasts through 1985 for 500 key economic, demographic, industrial, and product series); *Predicasts Basebook* (time series [1960-1973] on U.S. production, wages, shipments, prices, end-use distributions for all types of industries, products, and services); and *Metrocasts* (time series for domestic metropolitan areas).

SDC

LOCKHEED

PTS DOMESTIC STATISTICS (File 20)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat 6 am-12 n

Coverage

July 1971 -

File Size

43,700 items (4/1/76)

File Update

Predicasts Statistical Abstracts: preliminary monthly, revised quarterly, final annually. *Predicasts Composites*: entire file revised quarterly. *Predicasts Basebook*: entire file revised annually. *Metrocasts*: entire file revised quarterly.

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

Format 5: \$.20/citation (full record)
Format 2: \$.10/citation (citation only)

Note

(1) This data base is available on a trial basis of up to six months; after six months, an annual access fee or subscription to the equivalent printed publication is required.
(2) Users are also to enter their own data, perform arithmetic operations, apply econometric programs for forecastings, and plot graphs.
(3) Search results may be sorted by geographic code, geographic name, source of quote, date of source, journal, event code, event name, growth rate percentage, product SIC code, product name.

^aSee Appendix B for schedule for other time zones.

PREDICASTS, INC.

PTS F/S INDEXES contains concise information and references to articles relevant to all aspects of business and economics. It surveys over 5,000 publications and includes more than 1,000 leading business, financial, and trade magazine and newspapers, bank letters, reports of Congressional hearings, analytic reports of government agencies and investment advisory services, documents of international agencies, and books.

SDC

LOCKHEED
PTS F/S INDEXES
(FUNK AND SCOTT) (File 18)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1972 -

File Size

537,500 citations (4/1/76)

File Update

12,500 citations added monthly
(Weekly updates to the indexes are available in File 17.)

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

Format 5: \$.20/full record
Format 2: \$.10/citation only

Note

(1) This data base is available on a trial basis of up to six months; after six months an annual access fee or subscription to the equivalent printed publication is required.
(2) Search results may be sorted by geographic code, geographic name, source of quote, date of source, journal, event code, event name, growth rate percentage, product SIC code, product name.

^aSee Appendix B for schedule for other time zones.

PREDICASTS, INC.

PTS INTERNATIONAL STATISTICS provides time series and forecasts on foreign economics, demographics, finance, and production. The file contains *Worldcasts' Forecast Abstracts* (published forecasts); *Worldcasts' Forecast Composites* (annual historical data [since 1960] and consensus of published forecasts through 1985 for 2,000 key economic, demographic, industrial, and product series); and *Worldcasts' Basebook*.

SDC

LOCKHEED
PTS INTERNATIONAL STATISTICS
(File 21)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

January 1972

File Size

96,000 citations (4/1/76)

File Update

Worldcasts' Forecast Abstract:
preliminary monthly, revised
quarterly, final annually.
Worldcasts' Forecast Composites:
entire file revised quarterly.
Worldcasts' Basebook: quarterly
updates.

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

Format 5: \$.20/citation (full record)
Format 2: \$.10/citation (citation
only)

Note

(1) This data base is available on a trial basis of up to six months; after six months an annual access fee or subscription to the equivalent printed publication is required.
(2) Users are also able to enter their own data, perform arithmetic operations, apply econometric programs for forecastings, and plot graphs.
(3) Search results can be sorted by product name, country, event name, company name, product code, country code, etc.

^aSee appendix B for schedule for other time zones.

PREDICASTS, INC.

PTS MARKET ABSTRACTS (CMA and EMA) data base is *Chemical Market Abstracts* and *Equipment Market Abstracts* and provides domestic and foreign information on all chemical process and electronics and data processing equipment industries. It contains digests of articles on new products, acquisitions, capacities, market data, foreign trade, regulations for the extractive, manufacturing, transportation and utility industries.

SDC	LOCKHEED PTS MARKET ABSTRACTS (CMA/EMA) (File 16)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	February 1972 -
File Size	99,000 citations (4/1/76)
File Update	3,000 citations added monthly (with descriptors)
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$90/connect hour
OFF-LINE PRINTING	Format 5: \$.20/citation (includes abstract) Format 2: \$.10/citation
Special Feature	SDI: Standard profile of up to 10 sets and 20 items printed out is \$8/month. Sets in excess of 10 are \$.60 each and items in excess of 20 are \$.10 each.
Note	(1) This data base is available on a trial basis of up to six months; after six months an annual access fee or subscription to the equivalent printed publication is required. (2) Search results can be sorted by product name, country, event name, company name, product code, country code, etc.

^aSee Appendix B for schedule for other time zones.

PREDICASTS, INC.

PTS WEEKLY is an interim weekly update of the *PTS Market Abstracts* data base (File 16) in which the full text of the abstracts is provided between File 16's monthly updates.

SDC

LOCKHEED
PTS WEEKLY (File 17)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

February 1972 -

File Size

99,000 citations (4/1/76)

File Update

750 citations added weekly (without
descriptors)

Abstract

Yes

Cost:
COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

Format 5: \$.20/citation (includes
abstract)
Format 2: \$.10/citation

Note

(1) This data base is available on a
trial basis of up to six months; after
six months an annual access fee or
subscription to the equivalent
printed publication is required.
(2) The data base should be searched
using natural language since
descriptor statements are not
included.

^aSee Appendix B for schedule for other time zones.

PREDICASTS/AMERICAN CHEMICAL SOCIETY

CHEMICAL INDUSTRY NOTES (CIN) is a weekly compilation of brief extracts of articles concerning production, pricing, sales, plant expansion, new products and processes, corporate and labor activities, and executive changes in the chemical industries and governmental actions affecting the industries. Approximately 75 worldwide chemical industry business-oriented periodicals are covered.

	SDC CIN	LOCKHEED PTS CIN (File 19)
Hours Accessible	European access window 0 ^a Access windows 1, 2, and 3 ^a	Pacific Time: ^b M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	December 1974 -	December 1973 -
File Size	Over 66,000 records	113,000 records (4/1/76)
File Update	Weekly	About 1,000 records added each week
Abstract	"Extract"	"Extract"
Cost: COMPUTER CONNECT TIME	\$70/connect hour	\$90/connect hour
OFF-LINE PRINTING	\$.10/citation	Format 5: \$.20/citation (includes extract) Format 2: \$.10/citation
Note		There is no hard-copy subscription requirement, unlike most other PTS files.

^aSee Appendix A for hourly equivalent.

^bSee Appendix B for schedule for other time zones.

PREDICASTS/ECONOMIC INFORMATION SYSTEMS, INC.

EIS PLANTS data base contains records for more than 117,000 industrial establishments in the U.S. (excluding Alaska and Hawaii) having over 20 employees. These establishments account for 87.5 percent of U.S. trade shipments. Non-industrial establishments, such as banks, are not covered.

SDC

LOCKHEED
EIS PLANTS (File 22)

Hours
Accessible

Pacific Time:^a
M: 5 am-5 pm
T,W,Th: 12:30 am-5 pm
F: 12:30 am-4 pm
Sat: 6 am-12 n

Coverage

Current

File Size

117,000 records (one for each plant)

File Update

Revised quarterly

Abstract

No

Cost:
COMPUTER
CONNECT
TIME

\$90/connect hour

OFF-LINE
PRINTING

\$.50/citation typed online,
displayed, or printed off-line

Note

Each record contains the plant name, location, telephone number, principal product (four-digit SIC), annual sales, share of the market, employment level, and parent company information. Search results may be sorted by essentially all fields, including in order of sales and shares of the market.

^aSee Appendix B for schedule for other time zones.

SMITHSONIAN SCIENCE INFORMATION EXCHANGE

SSIE covers on-going and recently completed research in the life, physical and social sciences, including both basic and applied research projects. Reports of research in progress are included from over 1,300 funding organizations, such as federal, state, and local government; non-profit associations, colleges and universities; unaffiliated investigators; and some foreign organizations and private industry. It is not a bibliographic data base.

	SDC SSIE	LOCKHEED
Hours accessible	Access windows 1 and 3 ^a	
Coverage	Fiscal Year 1974 -	
File Size	Over 224,000 items	
File Update	About 9,000 research projects and continuations added monthly	
Abstract	"Technical summary" of the project	
Cost:		
COMPUTER CONNECT TIME	\$110/connect hour	
OFF-LINE PRINTING	\$.25/citation	
Search Aids Available	<i>Guide to SSIE Subject Indexes and Vocabulary</i> available from SDC for \$10. <i>SSIE Subject Terms and Synonyms List</i> is available directly from SSIE for \$50 and consists of 90,000 terms cross-referenced to their appropriate SSIE hierarchies. It is a computer printout.	

^aSee Appendix A for hourly equivalent.

SOCIOLOGICAL ABSTRACTS, INC.

LANGUAGE AND LANGUAGE BEHAVIOR ABSTRACTS provides current selective access to the world's scholarly literature on language and language behavior, speech, and language pathology.

SDC

LOCKHEED

LLBA

[Scheduled for May 1976]

Hours
Accessible

Coverage

January 1965 -

File Size

30,000 citations (4/1/76)

File Update

1,000 citations added quarterly

Abstract

Cost:

COMPUTER
CONNECT
TIME

\$55/connect hour

OFF-LINE
PRINTING

\$.15/citation

^aSee Appendix B for schedule for other time zones.

SOCIOLOGICAL ABSTRACTS, INC.

SOCIOLOGICAL ABSTRACTS provides in-depth coverage of sociology and related social science areas, such as social psychology, mass phenomena, the family, policy, planning and forecasting, complex organizations.

SDC

LOCKHEED
SOCIOLOGICAL ABSTRACTS
[Scheduled for May 1976]

Hours Accessible	
Coverage	January 1963 -
File Size	70,000 citations (4/1/76)
File Update	2,000 citations added quarterly
Abstract	Yes
Cost: COMPUTER CONNECT TIME	\$55/connect hour
OFF-LINE PRINTING	\$.15/citation

*See Appendix B for schedule for other time zones.

UNIVERSITY OF TULSA: INFORMATION SERVICES DEPARTMENT

PETROLEUM ABSTRACTS data base covers oil and gas exploration, development, and production. Information is included on such areas as petroleum geology; exploration geophysics and geochemistry; well drilling; well logging, well completion and servicing; oil and gas production; reservoir studies and recovery methods; pollution; alternative fuels and energy sources; and petroleum transportation and storage.

SDC
TULSA

LOCKHEED

Hours Accessible	European access window 0 ^a Access window 2 ^a
Coverage	January 1965 -
File Size	Over 153,000 items
File Update	About 4,500 records added quarterly
Abstract	No. However, the abstract number included in each citation is a reference point to the complete abstract available in the <i>Petroleum Abstracts</i> bulletin, published weekly by the University of Tulsa.
Cost:	
COMPUTER CONNECT TIME	\$125 (Subscribers are given a reduced rate.)
OFF-LINE PRINTING	\$.50 (Subscribers are given a reduced rate.)

^aSee Appendix A for hourly equivalent.

XEROX UNIVERSITY MICROFILMS

COMPREHENSIVE DISSERTATION ABSTRACTS data base is an interdisciplinary listing of doctoral dissertations in all fields from accredited universities in the U.S. (plus some accepted in Canada). Records may cite appropriate references to *Dissertation Abstracts International*.

SDC	LOCKHEED COMP DISSERT (File 35)
Hours Accessible	Pacific Time: ^a M: 5 am-5 pm T,W,Th: 12:30 am-5 pm F: 12:30 am-4 pm Sat: 6 am-12 n
Coverage	1861 -
File Size	Over 500,000 doctoral dissertations
File Update	About 3,300 records added monthly
Abstract	No
Cost: COMPUTER CONNECT TIME	\$55/connect hour
OFF-LINE PRINTING	\$.12/citation
Note	Order number is included for those dissertations available from Xerox University Microfilms.

^aSee Appendix B for schedule for other time zones.

SDC SEARCH SERVICE ACCESS SCHEDULE

ACCESS WINDOW		EUROPEAN ACCESS WINDOW 0 (TUES. THRU FRI.)*	ACCESS WINDOW 1 (TUES. THRU FRI.)*	ACCESS WINDOW 2 (MON. THRU FRI.)	ACCESS WINDOW 3 (MON. THRU FRI.)
T I M E	LONDON	8:30 AM to 10:30 AM	1:30 PM to 7:00 PM	7:10 PM to 10:00 PM	10:10 PM to 1:00 AM
	ATLANTIC	4:30 AM to 6:30 AM	9:30 AM to 3:00 PM	3:10 PM to 6:00 PM	6:10 PM to 9:00 PM
	EASTERN	3:30 AM to 5:30 AM	8:30 AM to 2:00 PM	2:10 PM to 5:00 PM	5:10 PM to 8:00 PM
	CENTRAL	2:30 AM to 4:30 AM	7:30 AM to 1:00 PM	1:10 PM to 4:00 PM	4:10 PM to 7:00 PM
	MOUNTAIN	1:30 AM to 3:30 AM	6:30 AM to Noon	12:10 PM to 3:00 PM	3:10 PM to 6:00 PM
	PACIFIC	12:30 AM to 2:30 AM	5:30 AM to 11:00 AM	11:10 AM to 2:00 PM	2:10 PM to 5:00 PM
DATA BASES AVAILABLE		-- -- ASI CAIN CHEMCON CHEM7071 CIN CIS INDEX -- -- -- INFORM LIBCON/C,E,F -- P/E NEWS POLLUTION -- TULSA RINGDOC	APILIT APIPAT ASI -- CHEMCON -- CIN CIS INDEX COMPENDEX ERIC GEOREF INFORM -- NTIS P/E NEWS POLLUTION SSIE -- WPI	-- -- ASI CAIN CHEMCON CHEM7071 CIN CIS INDEX -- -- -- INFORM LIBCON/C,E** -- NTIS P/E NEWS POLLUTION -- TULSA RINGDOC	APILIT APIPAT ASI -- CHEMCON -- CIN CIS INDEX COMPENDEX ERIC GEOREF INFORM -- NTIS P/E NEWS POLLUTION SSIE -- WPI

* On Mondays only: Window 0 is from 10:00 AM to Noon, London Time.
 Window 1 is from 12:15 PM to 7:00 PM, London Time and from 7:15 AM to 2:00 PM, Eastern Time.

** On Thursdays, LIBCON/F replaces LIBCON/E.

EFFECTIVE JANUARY 1, 1976

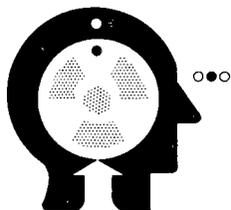
APPENDIX B: LOCKHEED SCHEDULE OF AVAILABILITY

All DIALOG data bases are continuously available during the full operating schedule outlined below. Thus any data base may be searched at any time and multiple data base searches may proceed without interruption from file to file.

DIALOG Availability - DIALOG is continuously available for your use during the full working day, Monday through Friday, and, in addition, for six hours on Saturday. Specific daily operating schedules are as follows:

<u>Day</u>	<u>Pacific Time</u>	<u>Eastern Time</u>	<u>Greenwich Time</u>
Mon	5:00 AM—5:00 PM	8:00 AM—8:00 PM	1:00 PM—1:00 AM
Tue	12:30 AM—5:00 PM	3:30 AM—8:00 PM	8:30 AM—1:00 AM
Wed	12:30 AM—5:00 PM	3:30 AM—8:00 PM	8:30 AM—1:00 AM
Thu	12:30 AM—5:00 PM	3:30 AM—8:00 PM	8:30 AM—1:00 AM
Fri	12:30 AM—4:00 PM	3:30 AM—7:00 PM	8:30 PM—Midnight
Sat	6:00 AM—Noon	9:00 AM—3:00 PM	2:00 PM—8:00 PM

Note: Above times are for Standard Time. Adjust Greenwich Time accordingly for Daylight Time.



**LOCKHEED INFORMATION RETRIEVAL SERVICE
PRESENTS:**

DIALIST™

Term Frequency Indexes From the DIALOG™ Files

Microfiche Form • Merged for Your Convenience

SAMPLE OF MERGED-TERM INDEX									
INDEX TERM	NTIS GRA	ENG INDX COMPENDEX	INSPEC EE&COMP	INSPEC ISMEC	INDEX TERM	NTIS GRA	ENG INDX COMPENDEX	INSPEC EE&COMP	INSPEC ISMEC
AUTOMOBIL		11			AUTOMORPHISM GROUP				13
AUTOMOBILBAU		21			AUTOMORPHISM GROUPS				5
AUTOMOBILE	1232	2846	276	236	AUTOMORPHISMS	55	7		30
AUTOMOBILE ACCIDENTS	7				AUTOMOT		11		
AUTOMOBILE AIR CONDITIONING SYSTEM			2		AUTOMOTIVE	734	848	509	158
AUTOMOBILE BODIES	92		2	2	AUTOMOTIVE AERODYNAMIC AND ROLLING R		2		
AUTOMOBILE BODY		3			AUTOMOTIVE APPLICATION		22		
AUTOMOBILE BODY PARTS				2	AUTOMOTIVE APPLICATIONS		11	4	8
AUTOMOBILE COLLISION	4				AUTOMOTIVE COMPONENTS	4		3	4
AUTOMOBILE COLLISIONS	265				AUTOMOTIVE CONTROL		2		
AUTOMOBILE COMPONENTS			3	7	AUTOMOTIVE CRASH INJURY RESEARCH	5			
AUTOMOBILE CONSTRUCTION				2	AUTOMOTIVE ELECTRONICS			5	
AUTOMOBILE CONSUMER INFORMATION	3				AUTOMOTIVE EMISSION CONTROL		9		
AUTOMOBILE CRASH SENSORS	3				AUTOMOTIVE EMISSIONS		4		
AUTOMOBILE CRASHWORTHINESS	3				AUTOMOTIVE ENGINEERING	31	90		
AUTOMOBILE DEFECTS	2				AUTOMOTIVE ENGINES	2	2	8	7
AUTOMOBILE DRIVERS		346			AUTOMOTIVE ENVIRONMENT			4	
AUTOMOBILE ELECTRONICS			11		AUTOMOTIVE FRAME COMPONENTS				2
AUTOMOBILE EMISSIONS				2	AUTOMOTIVE FRICTION MATERIAL				2
AUTOMOBILE ENGINE FIRES	3				AUTOMOTIVE FUEL SYSTEMS	2			
AUTOMOBILE ENGINE MANUFACTURE		68			AUTOMOTIVE FUELS	80	192		
AUTOMOBILE ENGINEERING		2		98	AUTOMOTIVE GAS TURBINE				6
AUTOMOBILE ENGINES	242	1166	5	5	AUTOMOTIVE GAS TURBINE ENGINE				2
AUTOMOBILE ENGINES, DESIGN		4			AUTOMOTIVE IGNITION NOISE		2		2
AUTOMOBILE ENGINES, EXHAUST GASES		11			AUTOMOTIVE INDUSTRIES				
AUTOMOBILE ENGINES, EXHAUSTS		2			AUTOMOTIVE INDUSTRY	96		7	18
AUTOMOBILE ENGINES, IGNITION SYSTEMS		2			AUTOMOTIVE MATERIALS		3		
AUTOMOBILE EXHAUST	296				AUTOMOTIVE OBSTACLE DETECTION SYSTEM				2
AUTOMOBILE EXHAUST GASES	9		3		AUTOMOTIVE POWER				3
AUTOMOBILE EXHAUSTS	11				AUTOMOTIVE POWER PLANTS			2	
AUTOMOBILE EXHIBITIONS		7			AUTOMOTIVE RADAR		2	2	
AUTOMOBILE EXHIBITIONS, WEST GERMANY		3			AUTOMOTIVE RANKINE CYCLE ENGINES				2
AUTOMOBILE FACTORY			3		AUTOMOTIVE REFLECTED GLARE	2			
AUTOMOBILE FERRIES	2				AUTOMOTIVE SWITCHES				2

For more complete retrieval, this valuable tool helps identify the data bases needed and enables initial offline selection of search terms and strategy.

DIALIST can help predetermine the utility of an online search, which files should be searched, and the anticipated number of citations, thereby saving online connect charges through advance preparation.

The merged DIALIST Index Collections are offered for data bases in the broad subject areas shown:

(1) Engineering and Technology

NTIS/GRA; EI/COMPENDEX; INSPEC/Electrical & Electronic, and Computer & Control Abstracts; INSPEC/ISMEC – Mechanical Engineering

(2) Sciences I

CAS/CA Condensates; BA/BIOSIS Previews; ISI® /SCISEARCH® ; INSPEC/Physics

(3) Sciences II

CAS/CA Condensates; BA/BIOSIS Previews; ISI/SCISEARCH; NAL/CAIN

(4) Social Sciences

NIE/ERIC (Full-Text); APA/Psychological Abstracts; ISI/Social SCISEARCH® ; CEC/Exceptional Children Abstracts (Full-Text)

In each DIALIST™ Collection, the subject term frequency lists of four discipline-related DIALOG™ data bases have been merged, providing a single list of terms or phrases used in any of the four files. For each term, the number of postings (frequency of occurrence) is shown for each data base in that DIALIST Collection. Following the DIALOG indexing approach, each individual word from an assigned subject phrase is also entered as a posting under the single word.

DIALIST collections are available in two versions: (1) a full vocabulary version, and (2) a version from which single-posted terms have been deleted. The full version contains all descriptors, identifiers, and individual full-text terms.* This version would correspond to a DIALOG EXPAND display for the merged data bases. While offering all the advantages of completeness, it contains many uniquely occurring terms (including mis-spellings). The second version is considerably smaller and less expensive, and provides a denser display of relevant terms.

The microfiche are in NMA A3 standard format, with a 24x reduction ratio. Each fiche has an easily readable title, including fiche number, data base collection, and the range of terms on that fiche. The last frame on each fiche is an index, listing the first term of each frame on the fiche.

*Multiple-word phrases which have been assigned only once in the INSPEC Physics file have been removed from both versions of the Sciences I microfiche.

DIALIST ORDER FORM
Microfiche in 24 x (NMA A3) Format

<u>Number Desired</u>	<u>Edition</u>	<u>Content Option (Single Postings)</u>	<u>Approximate Number of Fiche</u>	<u>Price per Edition</u>	<u>Total Price</u>
_____	(1A) Eng. & Tech.	Included	145	\$ 200	\$ _____
_____	(1B) Eng. & Tech.	Excluded	40	125	_____
_____	(2A) Sciences I	Included	140	225	_____
_____	(2B) Sciences I	Excluded	70	150	_____
_____	(3A) Sciences II	Included	140	225	_____
_____	(3B) Sciences II	Excluded	60	150	_____
_____	(4A) Social Sciences	Included	45	150	_____
_____	(4B) Social Sciences	Excluded	20	100	_____
				Subtotal	\$ _____
				(In California, add) Sales Tax (6%)	\$ _____
				TOTAL	\$ _____

Full amount will be billed to DIALOG User No. _____

Authorizing signature _____

Shipping address if not to above User No.: _____

Those who are not DIALOG users should prepay the entire amount by check, payable to Lockheed Information Retrieval Service.

Mail order to: Lockheed Information Retrieval Service
3251 Hanover Street (D/52-08, B/201)
Palo Alto, CA 94304

Attn: Dick Stephan

October 1975

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