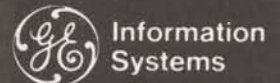


## SALES BULLETIN NO. 95-5

# FAST-FAX



World Leader  
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### Nuclear Medicine

**Harry Chapman—Portland, Ore.**  
Do we have any bio-medical programs available? Fast-Fax has received ten self-documenting programs in nuclear medicine calculations (a speciality in the bio-medical field). The programs have applications in erithrokinetic, collimator design, and data plotting. Dr. J. M. Mozley, Prof. of Radiology, State University of New York, who authored the Programs, has prepared a thumb nail sketch of each which is available from Fast-Fax.

### What is X-Ray Diffraction?

Chemical structure of unknown substances can be determined by bombarding it with X-rays and measuring the angles of defraction. Known substances have known diffraction characteristics, and these are in a large data base called the ASTM X-Ray Powder Diffraction File. The file is on GE-635 batch, but is too large to fit on Mark I, Mark II, or GE-605. This is contradictory to the article in INDUSTRIAL AND ENGINEERING CHEMISTRY, May 1969, p. 79, which said it will soon be offered on GE Time-Sharing. The file is being prepared for 3-D.

Customers or prospects interested in the file should be interested in an off-line program called DSPAC\$ which does X-ray diffraction problems. Another program,

CRSTAL, is in the same ball park, but not yet available in the off-line library.

### WANTED

#### Optimum Insurance Plan

**Ed Seramur — Milwaukee** wants a program to evaluate employee information in determining an optimum insurance plan. Please notify FAST-FAX.

#### Design Programs

**Don Frye-Sacramento** is looking for two design programs (1) Flash boiler design working with moving liquids through coils, and (2) turbine design. If you have either, call FAST-FAX.

#### Soil Stability

**Stephanie Alexander — San Diego** would like soil stability programs using the Bishop's method and the finite element method. Call FAST-FAX.

### AVAILABLE

#### Time-Series Forecasting

Off-line documentation is now available for time-series forecasting, Mark II, BASIC.

FCST1\$ — computes a simple linear trend line and seasonal factors monthly.

FCST2\$ — uses exponential smoothing on time-series data and indicates scheme best for forecasting.

FCST3\$ — similar to above but considers data of seasonal variations.

THANX

**Dennis Mulford — Cincinnati and Miles Connor-Dayton** for sending in the logistics management games. LGEXPL is an explanation program and LGEMNX is a very conversational logistics management game.

**Garrett's LEAP good for new 20% law**

The proposed oil depletion allowance law may reduce the tax break from 27½% to 20%. Petroleum firms, large and small, will be re-evaluating their oil leases, especially where marginal wells are concerned.

A good program package to help them find results quickly with time-sharing has been developed by Garrett Computing Systems of Dallas and is available through ISD Datanet Software Services.

One program concerns Lease Evaluation and Appraisal Procedures (LEAP) and the other deals with Risk Analysis for Drilling Prospects (RISK).

For information see Sales Bulletin No. 94-2A.

**Fast-Fax Keeps Old Address**

The FAST-FAX office has moved to the Richards Building on Arlington Rd., but the mail center remains the same, so continue to send correspondence to 7735 Old Georgetown Rd., Bethesda, Md. 20014

**Calendar Announcements**

Are you planning a local seminar or sales event that may have more than local interest? Let us know and we will publish it in FAST-FAX. Let other interested persons take advantage of your efforts.

**Acoustic Coupler Costs**

**Dennis Hoffman — Teaneck:** My customer has an Olivetti terminal that he wants to use on GE Time-Sharing Service. How much does our acoustic coupler cost and what is the rental fee?

The TDM 114 acoustic coupler rents for \$25 a month (including maintenance by service shops) and sells for \$395. The TDM 115 acoustic coupler costs \$495.

If you need information on any of these couplers, you may contact the Communications Product Dept., Lynchburgh, Va., DIAL COMM 8\*272-2429, ask for Al Alfredson, Gerry Bacon, or Dick Seifert.

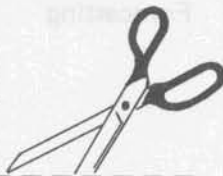
**T/S in Spectro**

Are you looking for programs for a spectrochemistry laboratory (Optical Emission and X-ray Fluorescence)? Several programs, developed with GE Time-Sharing, are discussed in a Department of Commerce publication, NBS Technical Note 407. You may obtain it from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

**Translucent Paper in a Roll**

**Art Reed — York, Pa.** is looking for a vender who has translucent paper in a roll for use in the teletype machine. He would like to use it for duplicating purposes such as with the ozalid technique. If you know of such a supplier, contact FAST-FAX.

## CLIP AND SAVE



### YOUR FAST-FAX REPRESENTATIVES

<u>Region</u>	<u>Specialists</u>	<u>DIAL COMM</u>
Eastern	Brian Berger	8*273-4345
Central	Vic Henschel	8*273-4525
Southern	Doug Benson	8*273-4421
Northeast	Jim Dickert	8*273-4578
Western	Mike Drake	8*273-4397
	Tim Kramer	8*273-4578

Fast-Fax Teletype Number 8\*273-4449

THANX

**Richard Spivak — Cleveland** for sending along the proposal he prepared for Cleveland Public Schools on computer time-sharing assisted curriculum and T/S with math and science courses. If you are considering



such a proposal, you may obtain a copy of Spivak's by calling FAST-FAX.

**3-D RESOURCE Questions** Who can be contacted in the various regions concerning 3-D RESOURCE questions?

Central — R.A. Gang, Cleveland 8\*344-6380

Eastern — R.L. Cox, Teaneck 8\*225-8301

Northeast — R.G. Roebuck, Syracuse 8\*256-1995

Southern — D.D. Walker, Atlanta 8\*283-1165

Western — R.E. Kalferd, Phoenix 8\*433-4851

Fast-Fax — Doug Benson 8\*273-4421

**3-D Demo Numbers** If you are considering a 3-D Resource demonstration, a written request for user numbers must be sent to:

P.A. Fabrizio  
Manager-Operations Resource Service  
General Electric Company  
4853 Cordell Avenue  
Bethesda, Maryland 20014

DIAL COMM 8\*273-9270  
RECOMM AIIKK

Your request should include (1) cost center of sales office requesting the demo (2) length of time of validation (3) desired date (4) desired password (5) number of storage links to be allocated to the demo number.

**Full-duplex vs. half-on Datanet-730**

**Bob Dunn — Houston:** Can either full-duplex or half-duplex lines be used with the acoustic coupler on the new Datanet-730 terminal by simply flipping a switch from one to the other?

The Datanet-730 terminal is presently equipped with the TDM 114 acoustic coupler. By the end of 1969, a Datanet-730 with a TDM 115 acoustic coupler should be available.

Both the TDM 114 and the TDM 115 have a "copy" switch which permits full- and half-duplex operation. The TDM 114 can operate only in originate mode with no capability to switch from originate to answer mode.

The TDM 115 operates in both originate and answer modes and can be used to communicate to another Datanet 730 terminal.

**Quality Control on Time-Sharing**

**Rod Lemberg — Milwaukee** wants a sophisticated quality control program that would inform the user of how big a sample should be taken and what machine he should be running jobs on to get the proper results. He wants the program to do machine selection by accuracy. He's looking for programs similar to APSAM and SAMSI as described in Sampling Aids for Auditors, but written for the quality control engineer. Please forward to FAST-FAX.

## FAST-FAX LIST OF PUBLICATIONS "NOT AVAILABLE"

The demand for promotional material, users guides, and similar material often exhausts supplies before reprinting is complete. To minimize back ordering efforts, the Software Sales Promotion Unit, which coordinates the printing of promotional material, has established a new procedure.

Now in effect, if your order is returned from the A&SP Warehouse in Schenectady with the notation "NOT AVAILABLE, REFER TO FAST-FAX", please wait 30 days and then re-submit the order. To help keep you advised on the status of publications "NOT AVAILABLE", Fast-Fax

(Sales Bulletin 95-5 and sequential numbers) will periodically publish such a list along with a projected date to re-submit your order.

If you have a specific question or problem about your back order, contact Norm Otis, SSP, Bethesda, Md., DIAL COMM 8\*271-1150, Ext. 734 or 735. Please do not call the A&SP Warehouse.

The following publications were "NOT AVAILABLE" August 1, 1969. Supplies are being replenished and may be ordered after September 2, 1969.

Pub. No.	Title
GER-1948	Numerical Control Field
GER-1949	GE's '67 Time-Sharing Gains
291-23	Ad Reprint discontinued
291-24B, C	Ad Reprint discontinued
291-39	Ad Reprint discontinued
101028B	Teletype Sticker
106086	Tip-On Transmittal
107038	Time-Sharing Code Form
108038-1	AC Linear Network Analysis
108038-3	Laplace Transform Inversion
108038-6	Cash Flow Analysis
108047C	List of Locations
120058	Can You Afford Manual Programming
125117A	Time-Shared Computer-New Member of Negotiation Team (Discontinued)
128117A	Traverse Analysis
137078	Time-Sharing in Cleveland Schools
143078	Computer Kids Most Likely To Succeed
148088	Capital Investment Analysis
153098	New Decision Making Tools For Managers
160098	Critical Path Scheduling
169118	Numerical Analysis Programs
175118	Mathematical and Statistical Programs
176128	Computers Figure Job Costs

### Users Guides

220125B	BASIC Language Programming Instructors Guide
710218	Prestressed Bridge Girder Analysis (Now Off-Line Documentation)
803218A	Command System for 605 Desk Side Service
807234	Mark II AC Linear Network
807235	Mark II DC Linear Network
807236	Cash Flow Analysis
810246	Air duct Design (Mark II)



# FAST-FAX



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August 18, 1969

## OFF-LINE LIBRARY IN BRIEF

FAST-FAX is often asked for a brief explanation of off-line library programs listings. Try this!

The Mark I and Mark II Program Library Listings (Customer Bulletins 19-5 and 35-1) contain catalogs CATPUB\*\*\* and LIBOFF\*\*\* respectively. They list off-line programs...those generally not used sufficiently to justify storage as on-line programs. (On-line programs make up most of the library listings in the bulletins).

Off-line programs receive some support from ISD headquarters, are documented, and may be obtained upon request from your IPC. Documentation for any off-line program is distributed by FAST-FAX.

## RISKY\*

This is a new FAST-FAX catalog of programs which has nothing to do with stock market investments, computer dating, or the off-line library programs mentioned above.

RISKY\* is an acronym FAST-FAX gave to a group of programs which you may run-at-your-own-risk. Often documentation is not available.

These programs were received by FAST-FAX from field people, other GE departments, and miscellaneous sources. They were developed for a specific need, and could be of value to others. Some of the programs are documented and may be put in the on-line or off-line library in the future.

To find out the up-to-date listings in RISKY\*, contact your FAST-FAX rep. Currently the catalog includes:

- LGXPL\* Explanations of logistics management game
- LGMNX\* Logistics management game
- TRUCK\* Compiles information on truck trailers in a system to reduce empty backhauls.
- SBA1\*\* Small business loan amortization schedule
- NUMED\* List for 10 nuclear medicine programs
- EUSDZ\* (List and description of 75 programs from Electric Utility Sales Division in two parts. These programs are available from FAST-FAX)
- MRGER\* Computes financial results of proposed merger































































































