BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

With the variety of jobs required of them each day in monitoring the steady flow of equipment and supplies, the Supply & Materiel Division performs a vital service for the Laboratory.
—photo by Humphrey

Service With A Smile

The **Supply & Materiel Division** is the oil that helps keep Brookhaven running smoothly and efficiently. The *81 staff members do not do research,* or hand tool a piece of machinery, but without their services, the Laboratory would be like the army without its quartermaster corps.

Nearly everyone on site has, at one time or another, looked for items in the various catalogues for stationery, glassware, chemicals, hand tools, or metals and gases, to name just a few. There are 14,250 stock items under the control of the **Central & Outlying Stores Section.** According to supervisor John Scharpeger, the hottest items in stationary, for instance, are pads, pencils and correction fluid. In other areas, batteries and computer paper are big "sellers." Employees in the course of their work, can shop for anything from diodes to 12 foot ladders, and the **catalogues** read like a BNL version of Sears Roebuck.

Charlotte Rappe is responsible for maintaining the technical catalogue library and the composition and appropriate distribution of the BNL stock catalogues.

In Buildings 90 and 91, which handle 75% of the stock items, row upon row of bins contain thousands of small articles. In Building 90, for instance, a whole wall is devoted to 1,653 different kinds of fasteners. And Building 91 caters mostly to the equipment needs of plumbers, electricians and other craftspeople in Plant Engineering.

Some S&M personnel are also signed out to the scientific departments to deal directly with their particular needs, and this arrangement saves a lot of time and manpower.

Genevieve Zaharakis supervises the **Requisition Section** where four clerks maintain the inventory records and requisition stock items. This is not just a cut and dried procedure. They must all be familiar with the descriptions, price and availability of even such exotic items as integrated circuits.

Quality control is also part of the Central & Outlying Stores Section. Here, they establish appropriate nomenclatures for new items, and set quality standards for the Laboratory.

"Primarily," says Scharpeger, "we want to supply the staff with what they need in a business-like fashion." "And," he went on, "any time we can make their jobs easier, we feel we are contributing to the Lab."

And that, really, is the theme of the whole division. They are aware of what the Lab needs, and do their best to get it.

Phil Borzi, who is the Manager of the division, knows the whole operation from the ground up. He started as a stores clerk back in the late 40's when the Lab was just beginning. Materiel management was under the then Architectural Plannning and Plant Maintenance Division until1960 when the S&M Division was created. Borzi was named Assistant Manager in 1962 and Manager in 1967.

Record keeping is vital to S&M. For Grace Fales, the computer run is her bible. Fales is supervisor of **property control**. She maintains all records of capital equipment, controlled sensitive property (e.g., typewriters and hand calculators), and equipment bought under grants from other organizations. Every machine or piece of equipment has a BNL property number affixed to it and the main headache for Fales is when a number falls off one piece, and somebody obligingly attaches it to another.

The recycling of BNL's excess property is also under Fales' baliwick. The notice of excess property goes first to DOE and is then turned over to GSA for Federal agency screening. If there is no action there, it is offered to HEW for donation to schools and, if no one takes it at that point, it is put up for public sale.

Finding **excess property** for the Lab is the job of Nelson Tyler, and he loves the challenge. Such government property is listed in catalogues which are distributed to Federal Agencies and government contractors. Poring through them is like wandering in a flea market, he says. The property costs the acquisitioner nothing but shipping charges, so the competition is stiff. Over the years, Tyler says he has developed a thorough knowledge of the Lab's needs and, besides checking the catalogues, he makes these needs known through his personal contacts and letters.

Tyler, also wears another hat, and that is as supervisor of the **pickup and delivery** service. Six experienced drivers handle this service offsite. Generally, they cover the Island, New York and New Jersey, but if there is a problem in meeting a research schedule, or the item is too fragile to be handled by common carrier, they will travel farther afield. Another driver works only onsite, and an eighth driver works exclusively for Project ISABELLE.

Ordinarily, all shipments into and out of the Lab are handled by **Shipping and Receiving**. Their monthly tally comes to about 400 outgoing shipments and 4,000 receipts. But they don't just sign in and sign out an endless stream of assorted boxes. They also package shipments and inspect receipts for content and damage.

If an item is very large, or somehow unusual, it goes under a category called **Traffic** and receives special consideration. One of the most unusual was a recent shipment from Virginia. It consisted of 200 freight cars and 80 truck loads of magnets, shielding and electronic equipment. Some of the shielding blocks weighed 37 tons apiece and measured 60 feet long.

Most of the shipping is done by commercial carriers, and Robert Hannel, who supervises this section, says that he constantly screens them, shopping around for the best price and service. "I could just about write an article for a consumer magazine on the quality of movers and commercial carriers," he says.

The Lone Ranger of S&M is John Austen who keeps track of **bulky experimental equipment** and some stock items which are stored in three warehouses. His small office is in building 100 and his only company is a warehouse full of equipment. It doesn't bother him a bit, but he does make it a point to take his coffee breaks and lunch elsewhere. Austen's efforts are concentrated mainly on keeping records ("without which we would be lost") and in creating space. Right now, he says, the three warehouses are 99% full and he is constantly rearranging items so that more space can be gained. Both BNL and university experimenters have equipment stored here and they deal directly with him to see what's available and who has it. Austen steers them to the right people and the old equipment can be recycled for use in a new experiment.

The Lab owns about 4,000 pieces of office equipment. BNL's inventory consists of approximately 400 typewriters, 2040 calculators, 50 copying machines, 300 dictating machines, and 750 miscellaneous machines like shredders and time card stampers. The **Office Machine Repair Shop**, with a staff of three mechanics, one helper and one clerk, keeps track of and repairs all this equipment. About 400 repair requests come to them each month. Their detailed repair records come in handy when they are asked to evaluate the latest in office equipment before new purchases are made.

All in all, these various parts of the Supply & Materiel Division work together effectively to provide a vital service to the Laboratory.

In Print

Superconductivity has come of age, and Brookhaven scientists have literally written the book on it.

Appropriately titled "Metallurgy of Superconducting Materials," it's a best seller. While not everyone has a copy of it on a shelf somewhere, and the initial print run was only 1200, the editors think it has captured the market, albeit a special interest market.

Tom Luhman, Metallurgy and Materials Sciences Division of DEE, and David Dew-Hughes, who is now at Oxford University, are editors of the book, which was published last summer. It is 457 pages from cover to cover and contains everything you always wanted to know about the metallurgy of superconductors.

Superconductivity was discovered back in 1911 by a Dutch physicist, Kamerlingh Onnes. As is sometimes the case in science, it was a great discovery, but many of the metals that were found to be superconducting did not prove to be practically useful. A breakthrough came in the early 1960's, when Bell Labs, and later RCA, showed that niobium stannide (Nb_3Sn) could carry a large current with zero resistance in a high magnetic field.

Soon after, Brookhaven scientists began research in superconductivity. The Accelerator Department was first because of its interest in magnets. Then a cooperative group was formed, with scientists from the Accelerator, Physics, and Applied Science Departments. Superconductivity looked like a very interesting field for study, and many sensed it had a promising future. Today, ISABELLE, the Power Transmission Facility, and the AGS use superconducting magnets.

"At the time we put the book together," said Luhman, "Brookhaven was one of the leaders in the field. We still are." All of the chapters were written by BNL researchers.

Luhman had the idea for this book about four years ago, and made contact with Academic Press, a publishing company that handles scholarly works. He had no problem convincing Academic Press that the book would sell.

When he began compiling material, he asked David Dew-Hughes to write a chapter. It turned out that Dew-Hughes had also been considering doing a book, so both of them agreed to collaborate on the editing. They also wrote some of the chapters.

It took three years to complete. Luhman thinks it was published at the right time. "Any earlier, and it may have received less attention," he said. "Today, the field is expanding rapidly. A power transmission project, magnets for fusion reactors, and even prototype mass transit trains are being built using superconductors."

Although superconductivity is a fast developing field, the book is in no danger of becoming outdated, since it is oriented toward the basic metallurgy of superconductors. As the field shifts toward the manufacture of large devices, the book should remain a good reference for researchers and for engineers solving problems associated with application.

Why did they do it? "The expertise was here at the Lab," said Luhman, "and there was nothing comprehensive on the subject. We saw a need for it."

So if you ever want to know something about superconductors, give Tom Luhman a call. He has a copy of the book on a shelf somewhere.

Safety Alert

It has been brought to the attention of the Safety and Environmental Division that containers for the rapid bonding adhesive called Permabond are potential safety hazards.

A recent accident involving this adhesive occurred when a technician attempted to open a new container. The container ruptured and spilled its contents on his hands.

The adhesive contains ethyl cyanocrylate. Contact can cause severe eye injury and instantly bonds skin. If skin contact occurs, do not attempt to pull apart the joined surfaces. Solvents such as acetone or nail polish remover can be used to remove the adhesive. However, in case of eye contact, do not use solvents, but seek medical assistance.

Permabond is listed as a stock item, #I-70455, and was obtained in one ounce containers from Bldg. 90. It has been removed from stock, and the manufacturer will be notified of the fault.

All unopened containers should be sent to John Scharpeger, Supply and Materiel Division, Bldg. 211.

Salary Structure Review Continues

Late last year, Laboratory Director George Vineyard appointed a committee to examine BNL's wage and salary structure in depth. The Committee, chaired by Arthur Schwarzschild of the Physics Department and composed of senior Laboratory employees, was charged by Dr. Vineyard to "recommend changes needed to maintain our competitive position in the labor market, to assure equity between different units within the Laboratory, and to maintain employee morale."

The Committee has interviewed many BNL employees and has also made comparisons of personnel policies in other institutions. This week several of its members are visiting other DOE laboratories to learn about their personnel practices firsthand.

As its work has progressed, the Committee has become aware that the current complex problems require careful and extensive analysis. For this reason, it has asked the Director for an extension of the original deadline. The Committee now expects to complete its work within a month.

The Committee will submit its report to the Director, who will assess its recommendations, and announce any policy changes that might result.

United Way Wrap-Up

The final figures for the 1979 United Way campaign are in and a total of $41,273 was contributed by Laboratory employees toward the support of the member agencies. In all, 833 employees participated, an increase of 22% over the previous year. Once again, the Divisions of Contracts and Procurement, and Fiscal, had 100% participation. They were joined this year by AUI which also went over the top. Roseann Chiuchiolo was the United Way coordinator for Contracts and Procurement, and Josephine Gazzola handled the campaign for Fiscal and AUI.

Lecture Reminder

Walter Kato will talk about the "Lessons Learned from TMI" in a Brookhaven Lecture at 8:00 p.m., on January 23, at Berkner Hall.

Rose Receives DOE Award

M. Joe Rose (center) was recently presented DOE's Distinguished Associate Award for his development of Alternate Liquid Fuel (ALF) utilization techniques. The citation noted that the development of ALF as a resource has not only resulted in large cost savings to the government, but has reduced the need for imported oil. (At Brookhaven, ALF has saved the Lab $2 million to date, and reduced the need for oil by more than 3½ million gallons per year). Rose was also cited for providing "an environmentally acceptable means of disposing of what would otherwise be a waste material." Dave Schweller, (left) Manager of DOE's Brookhaven Area Office, made the presentation and stated that this was the highest award that could be given to a non-DOE employee. Also present were Plant Engineering Manager Ed Shelton (right) and Associate Director Vincent O'Leary.
—photo by Humphrey

BERA Meeting

All BERA activity chairpersons, or their designates, are urged to attend a meeting on Wednesday, January 23, at noon in Room A of Berkner Hall. The purpose of the meeting is to discuss a Lab-wide event planned for early spring.

CREF Values

January	$40.90	February	$39.47
March	41.60	April	41.61
May	40.58	June	42.12
July	42.57	August	44.50
September	44.60	October	41.18
November	$42.56		

December $43.19

Visit From A Congressman

Congressman William Carney (1st CD-New York) spent a day at the Laboratory last week being briefed on various research programs, visiting the construction sites of ISABELLE and the Light Source, and the Medical Department's recently occupied Inhalation Toxicology Facility. Above, Congressman Carney (third from left) was taken inside the ISABELLE tunnel which is being erected on the site. Below, Robert Drew (left) head of the Inhalation Toxicology Facility explains the operation of a chamber room and the studies of the inhalation effects of various airborne pollutants to be conducted there.

Doug Humphrey

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BERNICE PETERSEN, Editor
MONA S. ROWE, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973
Telephone (516) 345-2345

CARL R. THIEN, Public Relations Officer

An Inadvertent Ad

If you think you have trouble with your ads in the Bulletin, you might reflect on the following from the California Newspaper Publishers Association. It is an example of a classified that was run incorrectly in a small newspaper and then "corrected" in subsequent editions:

"(Monday) FOR SALE – R.D. Jones has one sewing machine for sale. Phone 948-0707 after 7 PM and ask for Mrs. Kelly who lives with him cheap.

"(Tuesday) NOTICE – We regret having erred in R.D. Jones' ad yesterday. It should have read: 'One sewing machine for sale. Cheap. Phone 948-0707 and ask for Mrs. Kelly who lives with him after 7 PM.'

"(Wednesday) NOTICE – R.D. Jones has informed us that he has received several annoying telephone calls because of the error we made in his classified ad yesterday. His ad stands correct as follows: 'FOR SALE – R.D. Jones has one sewing machine for sale. Cheap. Phone 948-0707 and ask for Mrs. Kelly who loves with him.'

"(Thursday) NOTICE – I, R.D. Jones, have *no* sewing machine for sale. I *smashed* it. Don't call 948-0707, as the telephone has been taken out. I have *not* been carrying on with Mrs. Kelly. Until yesterday she was my housekeeper, but she quit."

Diners Note

The Cafeteria will be closed on Saturday, January 19. On that day, Snack Bar service will be available from 9:00 a.m. to 2:00 p.m. at the Brookhaven Center.

IBEW Meeting

Local 2230, I.B.E.W. will hold its regular monthly meeting on Monday, January 28, 1980, at 8 p.m. in the Knights of Columbus Hall, Railroad Ave., Patchogue. There will also be an afternoon meeting at 2:00 p.m. for shift workers in the Union Office at 31 Oak Street, Patchogue. On the agenda will be regular business, committee reports and the President's report. **Please Note Date.**

Arrivals & Departures

Arrivals

James M. Alduino	Accelerator
Charles J. Bores	Medical
Rolf H. Beuttenmuller	Accelerator
Andrew M. Huber	Plant Engrg.
Marvin L. Hurt	Accelerator
Marie L. Kilpatrick	Accelerator
John H. Klug	Accelerator
Ake H. Kvick	Chemistry
Paul Masem	Accelerator
Arthur W. Wernersbach, Jr.	Accelerator

Departures

Frederick J.A. Cacace, Jr.	Chemistry
Olga A. Ebalarosa	Contr. & Proc.
Barbara R. Nichols	Energy & Env.
Herman P. De Castro	Plant Engrg.

Cafeteria Menu

Week Ending January 25, 1980

Monday, January 21		
Beef barley soup	(cup)	.35
	(bowl)	.45
Batter fried steak & 1 veg.		1.45
Knockwurst & sauerkraut		1.25
Hot Deli – Pastrami	(on bread)	1.40
	(on roll)	1.50
Tuesday, January 22		
Cheese chowder	(cup)	.45
	(bowl)	.55
Salisbury steak & 1 veg.		1.30
Turkey tettrazini		1.35
Hot Deli – French toasted grilled ham & cheese		1.35
Wednesday, January 23		
Minestrone	(cup)	.45
	(bowl)	.55
Saga's homemade lasagne & 1 veg.		1.40
Barbequed ham & 1 veg.		1.35
Deli – Philadelphia steak n' cheese hogie		1.50
Thursday, January 24		
Chicken rice soup	(cup)	.35
	(bowl)	.45
Chicken pattie parmesan		1.45
Beef liver & onions & 1 veg.		1.30
Hot Deli – Hot Italian sausage & peppers hero		1.35
Friday, January 25		
Clam & celery soup	(cup)	.45
	(bowl)	.55
Sukiyaki beef on toasted Chinese noodles		1.45
Fish & chips		1.40
Deli – 8 foot hero		75¢ per inch

Doug Humphrey

Just Plug It In

When Congressman Carney was here last week, one of the things he did was take a ride in one of the Lab's three new electric cars. The appearance of this car outside Berkner Hall drew large crowds at lunchtime. They are called Change Of Pace Wagons and are made by Electric Vehicle Associates (EVA) of Cleveland, Ohio. The Laboratory will be getting ten more electric vehicles but they will be small and large vans.

Currently, the cars are at the auto shop, awaiting assignment and the installation of charging stations at appropriate places. The cars, which have automatic transmissions, are expected to go a distance of 50 miles per charge. Those who have driven them, say the steering takes a little getting used to, particularly if you have been accustomed to power steering.

The Laboratory is participating in a demonstration project, administered by DOE, to determine the feasibility of using electric vehicles on the nation's roads. Staff Services will report regularly to DOE over the next three years on the performance of the vehicles, costs, reliability of parts and maintenance.

Suffolk Community Courses Offered At BNL

Suffolk County Community College will offer the following on-site courses for the Spring 1980 semester:

Course	Title	Cr	Day	Hours	Tuition	Beg.
AC11	Principles of Acctng. I	4	M/W	5:15-7:05	$112	2/4
ST11	Oral Communications	3	Th	5:15-8:15	84	1/31
EG11	Freshman English	3	Mon	5:15-8:15	84	2/4
MA41	Technical Math	4	T/Th	5:15-7:05	112	1/31
EN15	Intro. to Engr. I	3	Tues	5:15-8:15	84	2/5

Minimum class enrollment is 15. The semester runs for 14 weeks.

Registration is Thursday, January 24, from 12 noon to 2 p.m., at Berkner Hall. Master Charge and Visa credit cards will be accepted for tuition fees. Contact Personnel for tuition refund information. Counsellors will be available during registration to answer questions.

In the fall, additional technical courses and a data processing curriculum may be offered.

Bowling

Green League

Congrats to the Light Source, winners of the first half. They downed the Blue Jays 8-3. For the winners R. Wiseman had games of 202/203 for a 590 scratch series. W. Rambo had a 232/600 scratch series. For the Blue Jays D. Stelmaschuk had a 222. The Sparks took 7 from the Phoubars with J. Cockrane having a 234. The Pinball Wizards took 8 from the Trouble Shooters. For the losers R. Scheidet had a 201. The Old Timers II could only take 4 from the Designers with G. Fales having a 229.

Pink League

Congrats to the Lickety Splits for taking the first half. Nice games were bowled by Helen Keeley 190, Marge Stoeckel 187, Debbie Fannan 184, Ellie Kristiansen 170, Mary-Grace Meier 165, April Donegain 163 and Millie Connelly 160.

Red League

The Sandbaggers won 8-3 over the Old Timers to clinch the first half. C. Bohnenblusch had a 241-578/650 series, J. Roesler 209-550/631 series and R. Jones a 201. The 76'ers won 8-3 over Isa Team. R. Barberich had a 213 and T. Holmquist 617 gross. The Freon Loaders skunked the Strangers 11-0. R. Marlow bowled a 208-547/646 series, T. Rudolf 603 gross. The Designers won 7-4 over the Old Timers II. D. Hayslip had a 203/615 gross series.

Purple & White League

The Good Times are the first half winners. The first and second place teams battled it out with some fantastic bowling. The Bippies won the first game with an 814 scratch (948 gross) with games bowled by Gene Hassell 241, Sharon Smith 203, Ken Asselta 200, Kay Conkling 170. The second game was also won by the Bippies with Gene Hassel bowling a 210, Sharon Smith 189, Kay Conkling 180. The Good Times came through in the third game with Ed Meier's 204 and Gerri Rikers 178 to win the third game and the first half. For the men, Gene Hassell's 622 series was high for the night and season and Sharon Smith's 553 series was high for the ladies. Other good games were bowled by Ed Meier 214/204, Ken Riker 218, Jim Griffin 213/211, Marshall Bull 212, Bob Jones 203, Pat Manzella 197, Polly Fuchs 179, Jeanne D'Alsace 178.

A bowler is needed for the Women's Gold League on Monday nights at the Brunswick Country Lanes in Coram. Anyone interested should contact Betty Jellett on Ext. 3639.

Volleyball

Mixed League

Final Standings – First Quarter

A.	No Names	15-0
	High Society	10-5
	Family Affair	7-8
	Nuts & Bolts	7-8
	Thrints	4-11
	DEE generates	2-13
B.	Diamonds	13-2
	Nads	13-2
	Leftovers	9-6
	Underalls	4-11
	Monday Night Live	3-12
	Le Mufs	3-12

R/C Aircraft Club

The new membership cards should be out soon. If you don't receive yours get in touch with one of the officers.

Mark your calendars. WRAMS show will be held February 23 and 24. We are hoping to get groups together for car pooling to share costs to the show. If you are interested contact Jim Durnan, Ext. 2485 or John Nicolellis, Ext. 4243. Non-club members are invited.

Cooking Exchange

The theme of the next Cooking Exchange meeting on Wednesday, January 23, is British farmhouse favorites. Join us at 12:30 in the Recreation Building to sample rarebit, rabbit, puddings, pies and mousse.

A charge of $1.00 will be collected and babysitting will be provided at 25¢ per child.

Wendy Green, 878-8952, will be happy to answer any further questions.

Nursery School

The Upton Nursery School has openings for both three-year-olds and four-year-olds, either two or three mornings per week. The Nursery School is at the Recreation Building and is open to children of BNL employees and guests. It has a professional staff and is run by a parents cooperative. For information call Kassie Ruth, 744-2444, or Diedre Trondle, 878-1280.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority:(1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

1222. HEAVY EQUIPMENT MECHANIC OPERATOR, GROUP LEADER (Temporary position) - Position is in the SITE heavy equipment shop. (Re-posting of job number 1205.) Plant Engineering Division.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1223. RECRUITER POSITION - Requires a Bachelor's degree or its equivalent in education and experience. Background must include a thorough knowledge of Affirmative Action principles, demonstrated ability in developing plans and programs to meet AA objectives and experience in dealing with professional societies, college placement offices and community agencies for recruitment purposes. Will be responsible for recruitment for these programs as well as for regular scientific, engineering and technical positions. Personnel Division.

1224. SENIOR STATIONARY ENGINEER (2 positions) - Requires demonstrated experience in the maintenance, repair, and operation of high pressure boilers firing #6 fuel oil. Current stationary or marine engineer license is highly desirable. Plant Engineering Division.

1225. BIOLOGY ASSOCIATE - Requires BS/MS or equivalent in biology with specialized training in chemistry and/or biochemistry. Previous experience maintaining mammalian or plant cell cultures and identifying protein by electrophoresis is desirable. Will assist with genetics research involved with studying chromosome structure, DNA replication, and cell cycle of higher plants. Biology Department.

1226. TECHNICAL POSITION - Requires manual dexterity and ability to learn routine laboratory procedures. Will function as caretaker for large research group involved in the development of radio-pharmaceuticals for use in position emission tomography. Responsibilities include taking inventory and maintaining laboratory equipment and supplies and providing general assistance for a staff of scientists and professionals. Chemistry Department.

1227. EXPERIMENTAL MACHINIST - Experienced all-round machinist for non-production work in research development shop. Project assignments are from raw material to final assembly, and candidates must show demonstrated ability and imagination in all phases of machine shop work. Experience in job print interpretation, layout and machine set up required. Central Shops Division.

Autos & Auto Supplies

75 CHEVY PICKUP - 6 cyl, manual trans, blue/white/cap, excel cond. $2995. R. Skelton, Ext. 7520/4220, 473-4558.

76 RABBIT DELUXE - red, 2 dr, std, 29,500 mi, garaged, very good cond. $3100. 744-4611.

73 PONTIAC WGN - yellow, V8, 6 psgr, a/c, pwr, excel. $1595. 325-0447 after 6.

78 FORD VAN - Chateau pkg, custom int, stereo, rust-proofed, wide radials. $5600. John, Ext. 2485.

78 FORD FIESTA - 1.6 liter eng, 48,000 mi, gets 38 mpg hwy. $2800. Malcolm, Ext. 3758.

70 FIAT 124 SPIDER - eng good, body bad, trans shot, tires good. $100 or best offer. Ext. 3812, 751-6111.

69 TOYOTA CORONA - only 53,600 mi, good cond. $800. Ext. 7503, 924-5507.

AM/FM STEREO - for car, on-dash, 4 spk hookup, w/4 spkrs. $50. Ext. 3992.

PINTO WGN - V6, good mpg, ps/pb, a/t, a/c, radials. 363-6845.

73 PONTIAC BONNEVILLE - full pwr, radials, new brakes & shocks, excel cond. $875. 924-0323.

72 OLDS DELTA 88 - a/c, ps/pb, snows, runs well. Vinod, 754-8001.

74 MAZDA RX2 - excel cond, needs motor work, not running. Best offer. Ext. 4592.

78 CHEVY CAPRICE LANDAU - fully equipped w/all access. $5000. John, 758-9238.

71 VW TYPE 3 - for parts, eng 36,000 mi, 3 spd trans, good tires. $300. 473-3792 after 5:30.

73 FIREBIRD - a/t, ps/pb, rust-proofed. $2300. 928-8522.

SNOW TIRES - (2) 825-14 mounted on GM rims, good tread. 2/$30. 475-8268 eves.

73 CAMARO - 307 V8, p/s, disc brakes, blue/blue int, new tires, good cond. $500. 929-3588 eves.

75 BUICK CENTURY CUSTOM - ps/pb, p/w, s. radials, a/c, tinted glass, AM/FM stereo, very good cond. Howard, Ext. 4615.

BUICK RIMS - (2) 15". $3 ea. M. Tesla, Ext. 3284.

72 DODGE DART SWINGER - 2 dr, a/t, ps/pb, a/c, vinyl top, snows, excel cond, clean in & out, 55,000 mi. $1575. 345-3079.

75 CHEVY IMPALA WGN - a/t, ps/pb, a/c, 6 psgr, excel cond, 47,000 mi. $1700. 345-3079.

2 SNOW TIRES - 165x13 on Fiat rims. Make offer. Joe, Ext. 4139.

71 PINTO - 4 spd, 1600cc, radio, new carb, rebuilt starter, dist, 28 mpg. $350. Bob, Ext. 3509, 289-9533.

73 DODGE POLARA - V8, 4 dr, ps/pb, AM radio, reg gas, new batt, new brakes & exhaust, radials, clean, very good cond, snow radials. Ext. 3634.

72 FORD 500 - ps/pb, a/c, excel cond. $825. 399-3910.

AUTO TRANS - 2 spd, fits most Chevys 1962-69. Asking $50. Jay, Ext. 2022.

78 YAMAHA SR500 - 2000 mi, mint cond, access, plus helmets. $1500. Ext. 4615.

14" FORD RIMS - (4) w/5-hole bolt circle, used 1 winter. $8. J. Ryan, Ext. 2043.

65 FORD - radio, pwr, 1 owner, tender loving care, excel cond, reliable transp. $300 firm. Ext. 7761.

74 TOYOTA CELICA GT - 5 spd, AM/FM, cassette, a/c, Michelin tires, good cond. $2300. Ext. 2008, 928-5875 after 6.

1972 OLDS TORNADO - all power, good condition. $600; 1965 Ford Mustang, 302 engine good for restoring. $500. Emil or Tom, 928-3088.

75 GRAN TORINO WGN - 60,000 mi, ps/pb, a/c, 10 psgr, good cond. Bill, Ext. 3499.

52 FORD ½ TON PICKUP - 6 cyl, wide tires, high back bckts. $500. 477-2316.

74 SUZUKI 250 - good condition. $400. 928-3088.

72 MERCURY MONTEGO STA WGN, 302 V8, 70,000 mi, a/c, p/s, p/b, auto trans rebuilt. B. Style, Ext. 2953.

Boats & Marine Supplies

SEAGULL OUTBOARD ENG - 5½ hp, 1978, used 1 season, 22 hrs, like new. $390. Wes, Ext. 3760.

14' HOBIE CAT - w/sails & trailer, excel cond. 581-7656.

Miscellaneous

CAMERA - Polaroid Square Shooter 2 land camera. $15. 727-5912.

TABLES - coffee & end, walnut. $65. Jim, 289-7470.

MOVIE CAMERA - Argus auto reflex 8:1 zoom w/flood, film editor. $50. Tom, Ext. 4612.

SKI BOOTS - cross country, "Fuji," boy's size 6, excel cond. $15. Watson, 286-3679.

2 BICYCLES - both 26", man & woman's, brand new, used once, 3 spd. 698-8086.

REFRIG/FREEZER - United S/S, 27.5 cu ft, avocado, excel cond. $295. Carol, Ext. 3341, 363-5170 after 6.

PORTABLE WASHER - Westinghouse twin-tub, woodgrain cover, like new, $80; humidifier. Best offer. 744-7587.

COLOR TV - 21" Zenith w/remote control, about 5 yrs old, rarely used. $200. 744-5867.

KARATE GHIS - sizes 5 & 6, new, incl shirt, pants & white belt. $15 ea. Barry, Ext. 2006.

CHAIRS - slipcovers & drapes, $150; snowmobile suits, up to 5'2". 289-1754.

SKI BINDINGS - Tyrolia jr bindings, good to 90 lbs, used 1 season, like new. $35. Frank, Ext. 3898.

FLASH BULBS - AG-1B. $1.25/doz. Ext. 2041.

WOOD-BURNING STOVE - air tight, barrel, $50; sm desk, pine, slant top, $75; sm, oak drop leaf table, $100. 286-3235.

DBL SINK - 32"x21½" w/faucets & spray, $10; 25½x21½" Tappan elec range top, $10. 862-7081 after 5.

FREE TO GOOD HOME - German Shorthaired Pointer, 7 mos, male, very good disposition. Ext. 2934.

SNOW PLOW - Fisher pwr angle, compl hardware. $725. 588-5833.

WASHING MACHINE - Kenmore, used only 1 yr. $125. Ext. 2330.

BABY ITEMS - walker, $7; deluxe Johnny Jump Up, $10; oil burner, Weatherall mod XLA-1A, 2 yrs old, $75; dog cage, type used for air travel, $25. R. Karol, Ext. 4416.

RADIO CASSETTE - $25. Ext. 3072.

BIC 980 TURNTABLE - manual, auto touch control, excel cond, w/wood base & cover. $100. Dennis, 654-2076.

BED - king size cherry wood Pennsylvania House, 4 poster, canopy. $400. Jack, Ext. 4613.

CHAIN SAW - McCullough, 12" bar, needs new spring. $35. 289-1755.

ELEC GUITAR - Univox High Flyer, blk, has good sound. $75. Jerry, Ext. 4324, 724-0470.

CRIB - baby's white, good cond. $15. Rose, Ext. 4691.

WOOD SPLITTING MAUL - 6 lb, new. $10. Bob, Ext. 4434.

30" FRANKLIN STOVE - good cond, w/grate. $75. Nick, 286-9249.

CONOSE STEREO - custom made, solid cherry wood, Garrard turntable, Harmon-Kardon rcvr, Jensen spkrs. 369-2151 after 6.

MUST SELL - 7500 BTU a/c; car-top carrier; gas & water cans; iron; 4-cup thermos. 345-3079.

REFRIG - old & sm, but works well. $15. 924-4685.

10 SPD BIKE - not assembled, have all parts, good for hobbiest. $15. Ext. 2022, 277-2655.

FUJII BIKE - woman's 5 spd, $70; man's 3 spd Delta bike, $40; cross country skis (bindings & poles), & boots, $60. M. Hughes, Ext. 4685, 924-6534.

HARDWOOD PALLETS - for firewood, 50¢ ea; sissy bar for most motorcycles, new cond, $30. 286-3377 after 6.

TWIN BEDS - (2) old type, steel, w/1 inner spring & 1 outer spring, all in good cond. $20 ea. Chuck, Ext. 3254.

HUTCH - w/matching table, 4 chairs, good cond. Asking $100. 289-0687.

CIRCUIT BREAKER BOX - GE elec box for 100 amp service. $10. 732-5829.

HUMIDIFIER - self-contained, almost new. $25. 744-5867.

PEANUT MACHINE - 25¢ dispenser w/built-in heater, used 1 wk. Barry, Ext. 2006.

GE DISHWASHER - built-in, avocado, $50. Ext. 2461.

KITCHEN SET - lg table w/leaf, 6 chairs, Mediterranean style, new cond. $100. 924-5331.

DISHWASHER - GE undercounter, like new, harvest gold, used about 15 times, paid $350. $175. Linda, Ext. 3199; Walt, 722-3938.

GIRL/BOY BOOTS - size 4/5, $8; boy boots, size 5, $10; girl raincoat, size 12, $8; karate uniform (ghi), w/insignia, size 4, $19. Walt, Ext. 2907/2913, 698-0576.

BABY CARRIAGE - stroller, bassinet, all three $45; sofa bed, queen size, $100. Ext. 7503, 924-5507.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

MEDFORD - close to LIE, mother/daughter, all newly remodeled on ¾ acre incl buildable lot, upstairs 3 bedrms, DR/LR w/fp & w/w downstairs, eik, 1 bedrm, L/R, sep elec & heat. $53,000. 475-2769 after 5.

BELLPORT - charming older home, prime loc, 4-5 bedrms, 3 baths, den, country kit, lg D/R, ent hall, fp, back stair case, front porch, econ gas heat, 2-car gar, .6 acre, walk to shops, beach, dock, golf, tennis. Mid 50's. Anne, Ext. 3404, 286-3764.

BELLPORT VILLAGE - sale/rent, 3 bedrm ranch, ⅓ acre. Sale $50,500; rent $420. 286-1513.

SHOREHAM - prime loc N of 25A, 4 bedrm ranch, DR/LR w/fp, country kit, den, ent hall, 2 baths, lg deck, 5 appl, 2-car gar, ½ acre, beach rights, must sell. Low 60's. Ext. 3462, 744-8449.

HUNTINGTON/COMMACK - new custom ranch, 3 bedrms, 2 fp, 2-car gar, 3-zone heat, full bsmt, must see. $75,000, will assume mtg. Ext. 3935, 864-5593.

MASTIC ACRES - 6 rms, full bsmt, baseboard heat, usable attic, ¼ acre. 281-5498.

MT. SINAI - 3 bedrm ranch, cathedral ceiling L/R w/fp, w/w, 5 appl, 2 baths, gar. $43,000. Bill, Ext. 3369, 929-6442.

For Rent

N. SHIRLEY - 3 bedrm house, 3 mi from Lab, full bsmt w/washer & dryer, gar, lg lot. $300/mo + util. (212) 866-8497.

MEDFORD - person wanted to share 2 bedrm condo, 10 min from Lab, incl indoor pool, compl rec facil + 9-hole golf course, Jan to June 1. $175/mo + util. Dan, Ext. 3289, 736-1939.

SELDEN - 170 Mooney Pond Rd, 4 bedrm beautiful prvt home, 9 mi from Lab. $350 + util. 732-2720.

SOUTHAVEN - exceptional furn studio apt, compl kit, fp, single occupancy. $215/mo + util. Ext. 3058, 286-0608.

RIDGE - efficiency apt, 5 mi from Lab, util incl. $175/mo. Ext. 4207.

Wanted

MOTORCYCLES - bent or broken, any age or cond. Kevin, 281-8031.

FRENCH HORN - good cond. Robert, 725-1495.

HOUSEKEEPER - 2 days/wk, 2 children, ages 5 & 6, must be reliable. 744-4611 after 6.

FIREPLACE LOGS - 2-3 cords (hardwood), half splits 30"-36" long. GR5-8658 after 6.

B/W REMOTE CONTROL TV - boxers heavy bag, iron weight plates, 25-50-75 lb. Roger, Ext. 2384.

OUTDOOR SHOE ROLLER SKATES - boy's size 7. 281-8557.

CHINESE CHOW - owner wishes to mate 1 yr old male, cinnamon color. 878-0480 eves.

BIKE - for 10 yr old girl, 1-3 spd, good cond. 345-3079 eves.

VENISON FOR ROASTING - Les, Ext. 2924/3698.

BABYSITTER - working mother seeking person, on site, to sit w/3-½ yr old boy wk afternoons till 5, toddler will be attending nursery sch on site 3 mornings/wk. R. Cohen, Ext. 3480, 473-8717 eves.

READER - for visually handicapped computer programmer. Will be paid. Prefer individuals with some computer knowledge. Work on Site. Ext. 7995.

12V GENERATOR - for VW bug. Ext. 7947.

HOT WATER HEATER - 40 gal, elec, 220 volts. Ext. 3128.

SHARE - 4 bedrm, 3 bath house in Coram. $155 + util. Ext. 2521/4742, 928-8379 eves.

FEMALE RABBIT - desperate male rabbit. Ext. 3799, 286-8362 after 5:30.

Lost & Found

LOST - tan knit gloves w/leather palms & backs. Lois, Ext. 2921.

LOST - *black wallet, need hunting license for renewal.* Return DEE, Bldg. 179A.

FOUND - Ladies watch, outside of Bldg. 197D, before Christmas. Lucille, Ext. 2902.

Car Pools

BAYPORT/BLUE POINT - form or join, drivers only. Ken, Ext. 3574, 472-3329.

SYOSSET - driver needed for 8:30-5 car pool from LIE Exit 44. Peter, Ext. 3695.

LIE EXIT 52 OR 54 - driver needed for 8:30-5 car pool. Marie, Ext. 3631.

HOLTSVILLE - forming 5-man, on time car pool, 8:30-5, 4th-14th Ave off Masonic Ave & N. Ocean. 475-6981.

Services

FIREWOOD - split, seasoned oak, 4'x16'x18". $110 delivered. 924-4284 after 5:30.

FIREWOOD SPECIAL - 4'x8'x16" all seasoned. $50. Russ, 589-0750.

TREE REMOVAL - experienced woodcutters, hardwoods removed at no cost, references avail. Paul, 744-7708.

FIREWOOD - 2 rows 4'x8'x18" guaranteed hardwood, will cut to order. $100 delivered. 924-3756, 924-7160.

EXPERT TUTORING - by certified teacher in my home, all elem subjects, H.S. math, French, German. $10/hr. 941-4328.

GENERAL FIXTURE - cabinets, paneling, bsmt. J. Mead, Ext. 3254, 273-0542 after 6.

AUTO REFINISHING - all areas of body work performed, discount rates for sm car refinishing. Ext. 2546 744-4047.

HOUSECLEANING - want a clean house done like the pros. Yvonne, 736-1510, 549-8811.

INCOME TAX RETURNS - by experienced preparer enrolled to practice before IRS. Jack, 7942, 864-2236.

MOTORCYCLE REPAIR & ACCESS- expert work done, access for street & dirt. Ext. 2311.

Classified Ad Policy Deadline is 4:30 p.m. Friday for publication Friday of the next week.