

Major Chemistry Work Purchased By Library

A major work entitled "Comprehensive Organic Chemistry," reflecting the current rapid development of modern organic chemistry has been purchased for the Reference Section of the Research Library. The contents of each volume have been brought together to reflect what are judged to be the truly important facets of modern organic chemistry.

Emphasis has been given throughout to the properties and reactions of all important classes of organic compounds, including the array of different compounds prepared by synthesis as well as natural products created by biosynthesis. The titles of this six volume work are: Vol. 1 - Stereochemistry, Hydrocarbons, Halo Compounds, Oxygen Compounds; Vol. 2 - Nitrogen Compounds, Carboxylic Acids, Phosphorus Compounds; Vol. 3 - Sulphur Compounds, Selenium Compounds, Silicon Compounds, Boron Compounds, Organometallic Compounds; Vol. 4 - Heterocyclic Compounds; Vol. 5 - Biological Compounds; Vol. 6 - Formula, Subject, Author, Reaction, Reagent Indices.

Review Course For Prof. Eng. License

Beginning in the fall, the Selden Campus of Suffolk County Community College is offering a special 22 week, 88 hour non-credit course designed for persons needing an intensive review of the fundamentals of engineering for the Intern Engineer (Part A) examination to be given in April, 1980.

There will be two sections of the course offered, one on Monday and Wednesday evenings from 8:00 to 10:00 p.m., and the other on Saturday mornings from 8:30 a.m. to 12:30 p.m. The evening section will begin on Wednesday, October 3, 1979 and end on Wednesday, March 26, 1980; the Saturday morning section will begin on September 29, 1979 and end on March 29, 1980. Tuition for the course is \$168.

For further information, or to request a brochure and mail-in registration form, please call the Evening College at 233-5163. The registration deadline is September 24, 1979.

PINY Courses

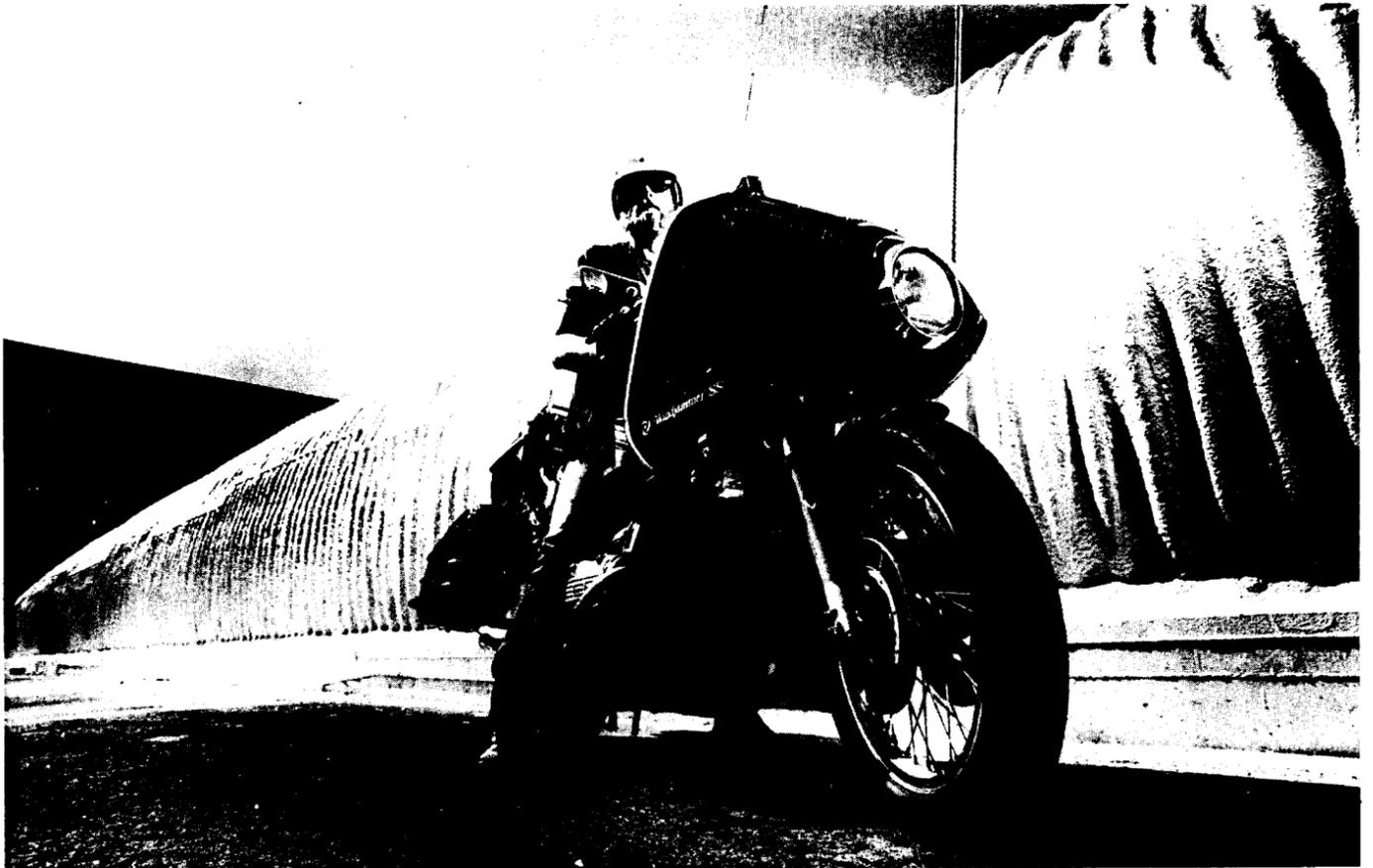
Due to the poor attendance for final registration on Wednesday, September 5th, Professor John Lamarsh has extended the time for final registration. Those interested can make arrangements to register by contacting Professor Lamarsh at either of these numbers (914)834-8576 or (212)643-8184. These courses are available to BNL employees under the tuition refund policy. They are also open to guests and collaborators, and to a limited number of persons not affiliated with the Laboratory.

PINY courses to be offered at BNL this semester are: NU 601, Introduction to Nuclear Engineering I, starting 9/17/79; NU 705, Advanced Nuclear Engineering Laboratory I, starting 9/13/79, and NU 721, Economics of Nuclear Power, starting 9/11/79.

Tour Features LINAC

The LINAC will be featured on this weekend's mini tour. Part of the Alternating Gradient Synchrotron accelerator complex, the LINAC injects protons into the AGS at about one-half the speed of light. Visitors will be able to see the Cockcroft-Walton pre-accelerator, where the protons are generated, and peer down into the 480-foot tunnel which houses the linear accelerator.

The complete tour also includes a viewing of "Brookhaven's Quest" and a visit to the Exhibit Center.



George Stenby, Accelerator, is a touring enthusiast who likes to surround himself in creature comforts. He rides a Honda Gold Wing 1000, considered by many riders to be the Cadillac of motorcycles. However, his luxury bike gets quadruple the miles per gallon of a luxury auto.

—photos by Humphrey

Brookhaven's Easy Riders Save Gas

Motorcyclists have long been stereotyped as gangs of toughs clad in black leather jackets who zoom by in a cloud of dirt and engine exhaust, breaking the peaceful quiet of a back country road. Take another look around today. Bikers are now respectable.

Although a definite count is hard to come by, the police group confirms that growing numbers of Lab employees have put their BNL bumper stickers on motorcycle fenders. Because of the gas crunch, many have chosen motorcycles as a way to save gas and yet avoid carpools and dependence on other people's schedules.

Motorcycles come in a variety of makes and models, and according to BNL riders, the best way to choose a machine is to zero in on its purpose. A 100 cc lightweight motorcycle is just right for a commuter traveling a few miles each day. Add to that occasional weekend trips, and a bike up to 250 cc will do. For longer commutes, especially with a passenger, a 350 to 500 cc bike is appropriate. Any motorcycle over 500 cc will travel long distances without a strain.

Dan Clemente, Accelerator, commutes 30 miles each day on the Long Island Expressway. He rides a Kawasaki 750, which cruises effortlessly at highway speeds. "A bike this big does 90 just as smoothly as it does 55 mph," he confides. For regular long-distance riding, he recommends constant maintenance. Dirt and grease take their toll, and the bike will rust out quickly if not kept clean. Dan does his own maintenance work. One big advantage motorcycles have over cars is that everything is open and accessible. With all the tinkering he does on his own bike, he has even experimented with gasohol in the engine. "Runs fine," he reports.

One of the smallest motorcycles on the market is a 90 cc Honda. It is strictly a commuter bike, and that is exactly why Howard Fales, Staff Services, rides one. He started in 1974 with a Honda 90 cc, and through the years moved up in size to 350, 500, and finally to 550 cc. He rode the 550 cc for three years when he commuted to the Lab on the LIE from Westbury. Recently, though, he moved to within five miles of the Lab, and the 550 cc was too much bike for such a short commute. So he went back to a 90 cc Honda. It gets 112 miles to the gallon, 85 around town, and rides comfortably at 40-45 miles per hour. Because it is so light, Fales can strap it to the back of his car and transport it up to his mountain cabin. A nice feature about this model, he says, is that it has two transmissions, and

with a shift of a lever, he can transform it into a dirt bike and wander over the trails.

Like anything else, there are purists in the world of motorcycling. Lee Colman, Accelerator, would never ride another bike but a Harley-Davidson. To prove his allegiance, he will roll up a sleeve and show off a Harley tattoo on his upper left arm. For Colman, riding a Harley is an American way of life. He looks at all the Japanese imports that have flooded the market, and swears that his bike will outlast all of them. His Harley was made in 1942, and within a year, he will finish restoring it to its original condition. Then, he will buy another bike to ride — a Harley-Davidson, of course. He wants to turn it into a chopper. According to Colman, a chopper, in motorcycle jargon, is a custom bike that is an extension of the rider's personality. A basic chopper has extended front forks, a hard tail (no rear suspension), and foot rests set high and forward in the Easy Rider tradition. Colman points out that a really chopped bike is mostly for show, because some of the modifications are so extreme that the bike is not safe or comfortable to ride.

Until recently, Harley-Davidson had a monopoly on big bikes. Now, the Honda Gold Wing 1000 is considered by many to be the ultimate in creature comfort. George Stenby, Accelerator, owns one. For Stenby, a touring enthusiast, much of the pleasure in motorcycle riding comes from traveling in style. His bike is equipped with a CB radio, and AM-FM radio, a custom contoured and padded seat, fiberglass saddlebags and trunk, hydraulic shock absorbers to balance the weight of his luggage, a quartz headlight, and a weather-protection fairing which wraps around the front of a bike and cups the rider in a sheltered environment. A full-dress bike like Stenby's costs as much as a brand new, compact car, but Stenby would not trade his motorcycle in for a car. He loves taking long distance trips, and recently returned from Denver, Colorado, riding non-stop for 39 hours. Putting 16,000 miles a year on his bike, he says of these long trips, "They are pure joy for me; I have a great sense of freedom."

Many of the bikers on site are new to motorcycling, and their experiences are fresh in their memories. John Svandrlik, Department of Nuclear Energy, recently bought one. "I thought about it for a long time, and finally decided I could handle it. It took a year to convince my wife," he said, "And some of my friends are still skeptical about the whole thing." Why so much

doubt in everybody's mind? Svandrlik has only one leg; he lost the other in Vietnam. Because of his handicap, Svandrlik rides a Honda 400, which has an automatic transmission with two speeds, low and drive. This eliminates the constant foot shifting required when riding a standard motorcycle. Last year, Svandrlik and his wife shared a truck. They opted to get a motorcycle instead of a second car because of the tremendous savings in initial cost, insurance, maintenance and gas mileage. Svandrlik bought the motorcycle at the end of May, got a permit, learned to ride, and passed his motorcycle exam in August.

The exam has two parts — a test of maneuverability, which consists of weaving through a series of cones, and a road test, which consists of riding a short distance in

(Continued on page 2)



Mona Rowe, who wrote this article, recently got her motorcycle license. She rides to work in tandem with her husband, Michael Rowe, DEE, on a Honda 185 cc. With two on one bike, they think of their mileage as 150 person-miles-per-gallon.

In Memoriam

John W. Halada, died September 4, 1979 of a heart attack at the age of 60 years. He was a Tool and Instrument Maker (Group Leader) at Central Shops who, at the time of his death, was working in DEE. Mr. Halada had been with the Laboratory since April 13, 1959. He is survived by his wife, Josephine; three sons, Gary, Richard and John, Jr.; a daughter, Diane Heliker, and five grandchildren. He was a resident of East Islip.

Met Opera Tickets

Since the first day of opera ticket sales may have occurred when many employees were on vacation, there are still a great number of tickets available for sale. Dates and operas follow:

Wed. 9/26	Cavalleria Rusticana/Pagliacci
Mon. 10/1	Eugene Onegin
Sat. 10/6	Werther
Tue. 10/9	Werther
Tue. 10/23	Carmen
Mon. 11/19	Mahagonny
Wed. 12/12	La Gioconda
Tue. 12/25	Hansel & Gretel
Thu. 12/27	Hansel & Gretel
Tue. 1/1	Hansel & Gretel
Sat. 1/5	Hansel & Gretel
Tue. 1/8	La Gioconda
Wed. 1/9	Der Rosenkavalier
Fri. 1/11	La Gioconda
Thu. 1/17	Tosca
Tue. 1/22	Tosca
Wed. 1/23	Rigoletto
Fri. 1/25	Fidelio
Mon. 2/11	Fidelio
Thu. 2/28	Don Pasquale
Mon. 3/10	Don Carlo
Fri. 3/14	Wozzeck
Wed. 3/19	Tosca
Thu. 3/20	Don Carlo
Fri. 3/28	Tosca
Sat. 4/5	Tosca
Mon. 4/7	Billy Budd
Wed. 4/9	Manon Lescaut

BERA seats are located in the Family Circle and sell for \$7.50 per ticket.

Arrivals & Departures

Arrivals

Carroll D. Arnett.....	Chemistry
Pradip K. Bandyopadhyay.....	Biology
Gyandev Bhanot.....	Physics
Timothy R. Bowden.....	Safety & Env. Prot.
Bruce S. Brunschwig.....	Chemistry
Ronald L. Gill.....	Physics
Hans Grimm.....	Physics
Philip R. Hayde.....	Nuclear Energy
Donald F. Koenig.....	Biology
Prasad Koka.....	Biology
Pamela T. Kydes.....	Physics
Ronald Lattanzio.....	Energy & Env.
Yousef I. Makdissi.....	Accelerator
Samuel V. Panno.....	Chemistry
Roger S. Rittmaster.....	Medical
Peter E. Sikinger.....	Physics
Bernard D. Silverstein.....	S. & Env. Prot.
Richard Weil.....	Energy & Env.
Terence C. Wesley.....	Physics

Departures

Farid E. Ahmed.....	Biology
Audrey D. Bittner.....	Physics
Richard W. Biscardi.....	Accelerator
David B. Blackmur.....	Accelerator
Joan M. Dickey.....	Nuclear Energy
Andres B. Doernberg.....	Energy & Env.
James A. Grandi.....	Chemistry
William H. Farland.....	Biology
Gene E. Fuller.....	Physics
John W. Halada.....	Central Shops
Kuniko Kubono.....	Energy & Env.
Robert E. Lade.....	Chemistry
Chih-Hsiang Lai.....	Nuclear Energy
Lee H. Linton.....	Applied Math.
Rea-Tiing Liu.....	Energy & Env.
Donald E. Malloy, Jr.....	Chemistry
King P. Matsubara.....	Physics
Margaret H. McCann.....	Ph. & Gr. Arts
Walter G. Parsons.....	Ph. & Gr. Arts
Owen F. Powers.....	Physics
Joel S. Rosner.....	Physics
Peggy A. Rosado.....	Nuclear Energy
Robert H. Rothman.....	Biology
Pooran Singh.....	Physics
Joan E. Skelton.....	Medical
John W. Smith.....	Plant Engrg.
Gabriele Sowada.....	Applied Math
Ulrich Sowada.....	Chemistry
Gerard J. Spillman.....	Physics
Gregory J. Stefanelli.....	Accelerator
Goran Wendin.....	Physics

Fusion Synfuels Workshop



A workshop on the application of fusion energy to the production of synthetic fuels was held at Brookhaven August 27-29. Above, DNE hosts John Fillo (left) and James Powell talk with participants Abraham Hertzberg, Univ. of Washington and Melvin Bowman, LASL (right). The workshop reviewed and assessed the technical and economic prospects of various fusion/synfuel processes as well as market demand for synthetic fuels. These included high temperature electrolysis, thermochemical and thermochemical/hybrid cycles. In addition to processes, a review of high efficiency power cycles and fusion blanket designs was undertaken. Fifty-five participants from national laboratories, universities, utilities, industry, consulting firms and the investment community were in attendance.

—photo by Humphrey

Stockroom Closing

All Supply & Materiel stockrooms will be closed Friday, September 21, for the annual inventory. Please anticipate your stock requirements before the scheduled closing at 3:00 p.m. Thursday, September 20. Emergency requests for materials will be handled by P.L. Borzi, Ext. 2972.

The one day closing will not affect departmental stockrooms or the delivery of liquid nitrogen, liquid helium, or dry ice.

Easy Riders

(Cont'd)

street traffic. The cone test is considered the toughest part, and the rider who arrives at the test site unprepared would have a difficult time passing that section. Many novice motorcyclists at BNL have discovered that the large parking lot adjacent to the tennis courts has a set of lines quite similar in spacing to the cone layout in the exam. Svandrlik practiced there during his lunch-break, weaving around and around, mentally saying to himself, "Don't hit the cones, no feet on the ground, don't stall the engine, avoid scraping the curb, keep it steady and smooth." The practice sessions paid off.

Anyone who is thinking about getting a motorcycle should first talk to Joe Curtiss, Accelerator. He has a way of putting things in perspective. Motorcycles are great fun, romantic, and all of that, but riding a motorcycle is also serious business. Joe will tell you about a friend at the Lab who was an experienced motorcyclist, yet was killed last year in an accident. He cautions that motorcyclists are very vulnerable, and one must ride defensively. Curtiss's only real accident occurred when he rounded a bend and discovered a miniature lake across the road. "I went down slowly and slid through the water with the bike on top of me," he recalls. He was not injured.



Dennis Farrenkopf, DEE built this trike, a three-wheeled motorcycle, down in his basement. "I didn't follow any plans," he recalls, "The design came out of my head." Except for the two, foot and a half wide, rear car tires, the trike is made out of assorted motorcycle parts and is registered as a motorcycle. Farrenkopf says that he created the bike to be different, and it does get a lot of attention. "Even police pull me over," he reports, "But they never want to hassle me. They're just curious."

—photo by Humphrey

Duplicate Bridge

The BNL International Duplicate Bridge Club will start another season on Monday, September 17th at the Brookhaven Center Dining Room with a game at 7:15 p.m. every week until the end of March. Those interested in an instruction period are asked to attend at 6:00 p.m. to discuss their requirements. For further details contact Bharat Bhatt (2966) or Colin Durston (2598).

Curtiss has been riding a Honda 350 since 1971. He remembers the motorcycle gangs of the 1950's and attributes the changing image of motorcyclists to several things. In the early 1970's, a popular TV series featured a newspaper reporter who rode a motorcycle. Around the same time, Japanese manufacturers began marketing quiet and refined motorcycles. Curtiss also admits to selecting his particular bike because it was less intimidating and more gentlemanly.

Motorcycles are increasing in popularity, and because of the growth in motorcycle traffic, driving and riding habits should be reviewed. Car drivers often complain about motorcyclists who take advantage of their size by cutting in and out of stop and go traffic just to get a few car lengths ahead. Some motorcyclists occasionally weave as much as three feet from side to side as they ride along. On the other hand, motorcyclists say that car drivers do not respect them. LIE riders tell stories about being cut out of their lanes, and some report that car drivers often do not even see them. Courtesy on both sides will make driving and riding safer for all.

Although motorcycling is not for everyone, BNL riders find it a lot more economical than driving a car, and great fun as well.

Juilliard Quartet Returns To Brookhaven

At 8:30 p.m. on Thursday, September 20, a very special event will take place in Berkner Hall. The premier string quartet of this generation, the Juilliard Quartet, will play at Brookhaven for the first time since they inaugurated Berkner Hall a decade ago. Although the personnel of the quartet has changed over the years, but for first violinist Robert Mann who founded the quartet in 1946, it is generally agreed that the addition of Earle Carlyss, violin, Samuel Rhodes, viola, and Joel Krosnick, cello, has added an element of youth that makes the ensemble more exciting than ever.

The Juilliard was the first ensemble to demonstrate that the quartets of Bela Bartok were not only playable but were great music, thereby establishing them in the international repertoire. They were the quartet that inaugurated Alice Tully Hall in Lincoln Center and played at the opening of Philharmonic Hall (now Avery Fisher Hall), as well as our own Berkner Hall. They were the first American quartet to tour the Soviet Union. Their Beethoven cycle in Europe last year was filmed for international television distribution and of course they are famous for their premieres of new works for string quartet by contemporary composers such as Elliot Carter, Lukas Foss, Aaron Copland, Milton Babbitt, Roger Sessions, Peter Mennin and William Schuman. Since 1966 when they succeeded the legendary Budapest Quartet, they have been the quartet in residence at the Library of Congress.

Their program Thursday evening includes the Quartet in D by Hayden, Op. 20, #4, Alban Berg's Lyric Suite and the Brahms String Quartet No. 2 in A minor, Op. 51, #2. Tickets are \$6.00 single admission, (\$4.00 per ticket for blocks of 5 or more tickets, good at any concert), \$3.00 for students and senior citizens and \$2.00 for persons under 18.

Note On Tickets

The purpose of block ticket sales with tickets good at all concerts is to allow for some flexibility in concert attendance for subscribers. It is not intended that this should be abused to the extent that one purchases a large number of block tickets and uses them all at one event, in particular, the Juilliard Quartet. A large scale abuse of the system has two very serious consequences: the possibility that 1000 ticket holders will want access to a 450 seat hall, and reduction of the already inadequate ticket income, which cannot meet half the artists fee. We therefore urge our subscribers to allow the system to work as intended and if one wants only to attend the Juilliard performance, please purchase single admission tickets.

Service Awards

The following employees will receive service awards during the month of September, 1979.

Thirty Years

Maurice Goldhaber.....	Director's Office
Garman Harbottle.....	Chemistry
Virginia Pond.....	Biology
Seymour Rankowitz.....	Instrumentation

Twenty-Five Years

Theodore F. Arns.....	Accelerator
Frank B. Hill.....	Energy & Env.
Donald J. Metz.....	Energy & Env.
Albert C. Muller.....	Energy & Env.
Yoshio Shimamoto.....	Applied Math

Twenty Years

Stanley P. Cherouski.....	P. & G.A.
Manny Hillman.....	Energy & Env.
Gertrude Ince.....	Physics
Melvin M. Levine.....	Nuclear Energy
Joseph K. Wojciechowicz.....	C. Shops

Ten Years

John Czachor.....	Accelerator
Salvatore B. Galati.....	Fiscal
Theophilus A. Gray.....	Medical
Richard A. Holroyd.....	Chemistry
H. Ronald Manning.....	Physics
William Marcuse.....	Energy & Env.
James T. Muckerman.....	Chemistry
Ling-Lie Wang.....	Physics

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CARL R. THIEN, Public Relations Officer

French Actor To Perform Here

On September 25, *Le Cercle Français du BNL* will sponsor a solo theatrical performance by Eric Eychenne, French actor, playwright and director. The performance, which will be in French, will take place in Berkner Hall at 8 p.m. For non-members of the BNL French Group, an admission fee of \$2 (\$1 for students) will be charged.

Eric Eychenne began his theatrical career as a stage electrician in the provincial city of Bourges. He subsequently moved about France - to Nevers, Nancy, Lyons, Aix-en-Provence, Marseille, and finally to Paris - founding and directing theatres in which the emphasis was on new and experimental productions. A number of his own plays were among those performed by these companies.

Since 1971, at which time he was director of the *Mini-Théâtre de Marseille*, M. Eychenne has developed his own acting career, specializing in one-man shows which he has performed throughout Europe, Africa, the Middle East, and India. His current U.S. tour is sponsored by the *Alliance Française* of Paris and the Federation of French Alliances in the United States.

The performance to be presented at Berkner Hall is based on *Les Caractères* by La Bruyère (1645-1696), an incisive and perceptive tableau of 17th century morals. Using simple props of string and newspaper, Eric Eychenne transforms these materials into the doors, windows, and church interiors that form the stage setting of his performance. The evening should be of interest to theatre-lovers as well as those interested in the French language and literature.

Cafeteria Menu

Week Ending September 21, 1979

Monday, September 17	
Navy bean soup	(cup) .30 (bowl) .40
Batter fried steak w/1 veg.	1.45
Franks and beans	1.15
Hot Deli - Pastrami	(bread) 1.30 (roll) 1.40
Tuesday, September 18	
Cheese chowder	(cup) .40 (bowl) .50
Chopped steak & 1 veg.	1.25
Breaded flounder fillet w/ fr. fr.	1.30
Hot Deli - Knockwurst	(bread) 1.30 (roll) 1.40
Wednesday, September 19	
Minestrone soup	(cup) .40 (bowl) .50
Saga's homemade lasagne & 1 veg.	1.40
Fried rice & pork w/Chinese noodles	1.40
Hot Deli - Italian sausage & peppers hero	1.30
Thursday, September 20	
Chicken rice soup	(cup) .30 (bowl) .40
Beef liver & onions w/1 veg.	1.20
Southern fried chicken & corn fritters	1.35
Hot Deli - Barbequed beef	(bread) 1.30 (roll) 1.40
Friday, September 21	
New England clam chowder	(cup) .40 (bowl) .50
Braised beef & veg. w/mushrooms	1.45
Seafood cakes & spaghetti	1.10
Hot Deli - Smoked beef tongue	(bread) 1.30 (roll) 1.40

Golf

The BGA Sixth 1979 tournament will be held at Spring Lake, Sept. 19, 1979 at 11:30; green fee \$6.00. This tournament is open to all BNL employees, their spouses, and retired employees. For further information contact John Connelly, Ext. 3284.



First Day of School

Forty-one moppets from as far west as California and as far east as Japan started this week at the Upton Nursery School on site. They spent their first day getting acquainted, which is easy to do in universal children's language. Activities planned for the year encourage the children to discover and explore their environment.

A few openings are left in both the three-year-old and four-year-old classes, for two-day or three-day sessions. For information call Kassie Ruth, 744-2444, or Diedre Trondle, 878-1280.

—photos by Humphrey

Tutorial Classes

Beginning on Wed., September 26, two mathematics indoctrination classes will be given as part of the Technician Tutorial Program. The first class will be a basic course, consisting of a review of arithmetic and some algebra; the second class will be geared for employees intending to take college mathematics, who feel the need for a refresher course, before starting such courses.

The classes will meet for one and one-half hours, once a week, and the duration of the courses will be dependent on the individual needs of each participant.

For information on these classes, or for suggestions for other tutorial courses, call LeRoy Jefferson on Wednesdays at Ext. 2527. During the remainder of the week, call Robert D'Angio in Personnel, Ext. 2878.

Adult Swimming Lessons

A course of swimming lessons, open to on-site employees and their adult dependents, will begin on Wednesday, September 26 at 5:15 p.m. The course will consist of one lesson per week on ten consecutive Wednesdays. There will be two classes; one for non-swimmers and one for those who can swim but would like to improve their skills.

Those interested may register at the pool during open hours prior to September 26. A registration fee of \$15 will be due the night of the first class. (Checks payable to BERA.)

Softball

Mixed League		
Final Standings		
League IV		
	Wins	Losses
Oh Kays	15	0
E-Z Riders	10	5
Diamonds	7	8
Thrlds	7	8
Balls & Strikes	4	11
Who's On First	2	13
League V		
Nads	10	4
Turkeys	9	5
Who Cares	9	5
TNT	8	6
Underalls	8	6
Random Sample	6	8
Source III	5	9
Confoozed	1	13

For Parents & Students

An agent from the Federal Drug Enforcement Administration will talk about the misuse of drugs and student peer-pressure on Friday, September 28, at 8 p.m., St. James Lutheran Church, Woodlawn Ave., St. James. Parents and students are invited to attend.

Notice

There are a few locked lockers which were originally located in the old women's shower room in the gymnasium. These lockers *must* be vacated immediately. Those concerned please call Blanche Laskee, Ext. 2873.

Two-For-One Hockey Tickets

BERA is offering to on-site employees the opportunity to buy tickets to the four Islanders pre-season hockey games at the unheard-of price of two for \$12. If you always wanted to see the New York Islanders in the flesh but your budget said "no" to the regular ticket prices - here's your chance!

Although tickets have not yet been received, reservations are now being taken at the BERA Film Service Office in the Cafeteria. Stop in or call, extension 3347, today. There will be eight tickets for each of the following pre-season games:

Saturday, 9/22	Philadelphia
Tuesday, 9/25	Buffalo
Thursday, 9/27	Atlanta
Saturday, 9/29	Rangers

Regular Season Note: The first home game of the regular season is scheduled for October 13. Ticket buying details and a full schedule of games will be published in the *Brookhaven Bulletin* in ample time prior to the first game.

Bicycle Race Results

The 16 mile predicted time event attracted twice as many entrants as the 32 mile bunch start race. The weather was fall-like: chilly but dry, and a brisk wind from the northeast slowed the racers. The course was precisely measured for the first time and was found to be 15.72 miles.

The first two places in the 32 mile race were taken by Tom Baum, whose father John Baum is in S & EP, and James Watson whose father, Richard Watson, is in Physics.

The closest time estimate for the single lap event was made by Ernie Courant, an expert on closed courses and second place went to Norman Rohrig, a mathematician. More significant than computational ability is the fact that all who made good estimates had ridden the course many times.

Thanks are due Art Scott, Richard Watson and Cindy Morgan for assisting with registration and timing, the Radio Club for supplying transceivers and the Suffolk County Police for directing traffic at the Main Gate. Herman Geist ran the meet.

32 Mile Race

Tim Baum	93:35
James Watson*	93:38
Robert Savage	106:11
Guy Jedlicka	111:20
Paul K. Costello	111:21
Robert Grant	111:41
*Best lap:	44:52

16 Mile Predicted Time Event

	Actual time	Predicted error
Ernest Courant	63:15	+ :15
Norman Rohrig	52:20	+ :20
Alan Carroll	52:24	+ :24
Manfred Haberl*	46:30	+ :30
Al Deneuve	60:22	+ :52
Richard Squires	52:55	- 1:25
Ed Thieberger	50:58	- 2:02
Benjamin Peierls	46:21	- 3:09
George Meinken	56:59	- 4:43
Carsten Glaeser	49:20	+ 9:05
Gerry Morgan	61:10	+ 9:10

*Fastest time with a 30 second or better estimate

Runner's Corner

The Fall Fun Runs will be held on Sunday, October 7 and feature free 5, 10 and 30 Km runs for everyone. The 30 Km run will start at 8:30 a.m. from Berkner Hall and will be a predicted time event. Runners will register an estimated time for the distance and attempt to match that time, running without the aid of a watch. Official splits will be given at 10 and 20 Km to allow for pace adjustments. The 5 and 10 Km runs will start at 9:30 a.m. from Berkner Hall and race over an accurately measured course. Official Chronomix times will be available immediately at the finish. Because these are fun runs, there will be no entry fee, prizes or certificates but the Roadrunners do promise lots of fun, accurate distances and times, and water stops. All BERA members and friends are cordially invited to attend.

The New York City Marathon bus is full. BNL marathoners have purchased new racing singlets for the event. These racing shirts are available to all BNL runners. Consult the bulletin boards in the gym for details. Orders and money are due by September 28th.

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.

1094. SECRETARY - Requires AAS in secretarial science or equivalent experience performing diverse secretarial duties including technical typing. Individual will type technical manuscripts and correspondence, prepare and process Laboratory reports, and expedite travel arrangements for both the operations and research groups at the Tandem Van de Graaf. In addition, person will distribute mail and handle paging system for all building occupants. Physics Department.

1095. SECRETARY - Requires AAS in secretarial science or equivalent experience performing diverse secretarial duties including technical typing. Experience with or ability to learn word processing is essential. Individual will type technical reports and correspondence, prepare and process Laboratory reports, and expedite travel arrangements for a group within the Engineering and Advanced Reactor Safety Division. Department of Nuclear Energy.

1096. OFFICE SERVICES ASSISTANT - Requires excellent communication skills, good typing, and ability to organize and process filing, mail, and phone messages. Individual will perform receptionist and general secretarial duties for the ISABELLE Project group. Accelerator Department.

1097. SECRETARY - Requires excellent communication skills, good typing, and ability to organize and process filing. Will work as primary clerical staff member for a newly developed furnace testing program. Will assist the supervising group secretary as needed. Department of Energy and Environment.

1098. SECRETARY - Requires an AAS degree in secretarial science or equivalent experience performing general secretarial duties. Position requires an individual with excellent typing and the ability to communicate effectively. Knowledge of technical typing is helpful. Will share responsibilities in the administrative office of department. Instrumentation Division.

1099. OFFICE SERVICES ASSISTANT - To work on reports and manuscripts requiring knowledge of technical typing and experience with word processing equipment. Biology Department.

1100. PHOTOGRAPHY AND GRAPHIC ARTS SPECIALIST C - Requires ability to operate various copying, binding, and duplicating equipment. Individual must have a driver's license and be willing to work nights. Will work in Quick Copy service center. Photography and Graphic Arts Department.

1101. PHOTOGRAPHY AND GRAPHIC ARTS SPECIALIST C - Requires ability to operate various bindery, printing, and photographic equipment. Individual must be willing to work either days or nights. Photography and Graphic Arts Department.

1102. PHOTOGRAPHY AND GRAPHIC ARTS SPECIALIST C - Requires AAS in data processing or successful completion of computer operations training program or the equivalent experience in computer operations. Will assist with the operation of computer output microfilm equipment. Individual must be willing to work the third shift. Photography and Graphic Arts Department.

1103. STORESKEEPER - Supply and Materiel Division.

1104. S & M SENIOR CLERK - Supply and Materiel Division.

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

1105. PATROL OFFICER - Requires AAS in criminal justice or equivalent experience performing diverse security duties for a large organization. Will participate in comprehensive training program in order to become knowledgeable of site and police procedures. Excellent communication skills are necessary as well as ability to work shifts. Safety and Environmental Protection Division.

1106. RESEARCH SERVICES ASSISTANT - Requires AAS degree in life sciences or equivalent ability to handle and care for small animals, assist in the op-

eration of experimental equipment, and perform routine wet chemistry procedures. Will work with a team of staff members within Inhalation Toxicology facility. Anticipated two-year duration for this project. Medical Department.

1107. TECHNICIAN - Requires AAS degree in life sciences or equivalent ability to handle small animals, operate experimental equipment and perform routine laboratory procedures. Will be responsible for operating all inhalation chambers within newly-developed inhalation toxicology facility. Anticipated two-year duration for this project. Medical Department.

1108. MEDICAL ASSOCIATE - Requires BS degree in physiology and/or biophysics or equivalent ability to handle small animals, take physiological measurements using electronic equipment and accurately record experimental data. Will work with inhalation toxicology group assessing pulmonary mechanics in rodents exposed to airborne pollutants. Anticipated two-year duration for this project. Medical Department.

1109. MEDICAL ASSOCIATE - Requires BS in biology or equivalent experience handling small animals, performing physiological assays and accurately recording experimental data. Will work with inhalation toxicology group. Anticipated two-year duration for this project. Medical Department.

1110. SYSTEMS ENGINEER - Requires BS in chemical or mechanical engineering or equivalent background with excellent written and verbal communication skills. Will perform analyses of competing energy technological options. Experience in conservation options and solar technologists is desirable. Department of Energy and Environment.

1111. SENIOR MECHANICAL DESIGNER - Requires AAS degree or equivalent and extensive background in mechanical design. Experienced in shop practices and general machine design. Working background in vacuum systems and structures desirable. Accelerator Department.

1112. TECHNICIAN - Requires AAS in mechanical technology or equivalent experience to operate and coordinate the maintenance of existing heating equipment test facilities. Experience with residential heating equipment desirable. Must have good verbal and written communication skills. Department of Energy and Environment.

1113. TECHNICIAN (part time) - Requires skills-oriented individual with driver's license and some typing skills. Background in use of interactive terminals is desirable. Will assist in maintaining computerized record systems for reporting personnel radiation exposure. Safety and Environmental Protection Division.

Autos & Auto Supplies

70 CHEVY SUBN - good cond inside & out, V8, a/t, trailer hitch, a/c. Must sell, make offer. Bill, Ext. 2378, 286-0243.

CAP - for Ford pickup truck, white fiberglass, 8' bed, good cond. Phillips, Ext. 4235.

73 DODGE MONACO - 4 dr hdtp, a/c, AM/FM, ps/pb, excel cond. \$1900. Mike, 781-5816.

74 JEEP CJ-5 - yellow/brown soft top, 3 spd, 11-15 tires, fairly good cond, must sell. Pete, 878-4618 eves, 3696 days.

71 MACH I - 351 ci eng, 4 spd, many new parts, good cond. \$1200. Ext. 2022, 277-9749 after 5.

77 CAMARO - choc brown, a/t, ps/pb, AM/FM, excel cond. Glenn, 928-7619 after 6.

73 BUICK CENTURY - a/t, a/c, ps/pb, reg gas, 71,000 mi, good running cond, FM radio, 8-trk. \$1200. W. Hampel, Ext. 3028/4321.

73 HORNET SPORTABOUT - high mileage, a/c, a/t, good tires, reg gas. \$750. 286-8517 after 5:15.

70 DUSTER - a/c, a/t, 318 V8, good running cond. Asking \$800. Randy, 399-0039.

STEEL BELTED RADIAL - FR78-15 on Ford rim, \$20; Motorola alternator, 35 amp, \$15. Mike, 281-6191.

71 PLYMOUTH SATELLITE - ps/pb, a/c, very clean, no rust, good cond. \$695. 363-7620.

65 VW - good for parts, extra parts; pr studed snows for VW bug w/rims. Ken, 281-5565.

77 KOUNTRY-AIR - 35' 5th wheel trailer, plus 72 Dodge pickup. 589-6151 after 6.

73 KAWASAKI S2A - 350cc, good cond. \$500. Ext. 2022.

71 OPEL 1900 WGN - a/t. \$500. Dave, Ext. 3403, 286-0703.

72 FORD STA WGN - good running cond, p/s, a/c, radio. Asking \$500. Ext. 3106/2861.

70 HONDA - 450 cc CL type, frank forks, custom seat, Jardin headers, low mi, needs batt. \$750. J. Bunt, 924-4193.

FREE - air filter, unused, 14"x2". Hans, Ext. 4581.

73 CHEVY IMPALA - a/c, AM/FM/stereo, electronic ignition. \$1500. Jim, Ext. 3372.

TIRES - Uniroyal Land-Trac, size 10-15, 4 ea, good for beach. Make offer. 734-7584 after 6.

63 AUSTIN HEALY 3000 - good cond. \$2000 or will trade for motorcycle. 281-8031.

69 BUICK SKYLARK - custom, excel running cond. \$500. Corliss, Ext. 4376/4438, 472-1585 after 6.

SNOW TIRES - G78x14 on Chev rims, \$45/pr; (2) L78x15 w/w, \$40/pr; all like new. Ext. 3376.

73 GRAN TORINO WGN - a/c, p/s, a/t, p/b, 9 psgr, 351 cu in, low mi. \$1400. 589-4531 after 6.

70 PLYMOUTH - Sportabout Satellite Sta Wgn, low mi, immac cond, 18 mpg, boat carrying roof, new tires. \$800. Tien, 821-1296.

59 JEEP - 4 w/d, 6 cyl, rebuilt clutch. \$600. Dave, Ext. 4173, 281-6248.

71 CHEVY VAN - a/t, 350 ci, parkway windows, some rust, sm dent. \$950. Ted, Ext. 3050, 589-2470.

74 BMW 2002 - H. Palevsky, Ext. 3909.

WHITE FIBERGLASS CAP - for Ford pickup, 8' bed, front sliding glass windows. Phillips, Ext. 4235.

58 CORVETTE - some custom work, must see. Asking \$4700. 281-0804.

71 MERCURY MARQUIS - ps/pb, a/c, AM/FM quad stereo, a/t, good cond. \$550. 929-4701.

TIRES - E78-14 snows on AMC rims, very good rubber. \$25. M. Greene, Ext. 4033.

73 HONDA 70 - 873 mi, automatic motorcycle. \$350. Joe, 234-7225.

65 PLY VALIANT - runs, body rot, for parts. \$100. Gene, Ext. 3289.

78 KAWASAKI KZ200 - mileage 1950. 472-1871 after 6.

73 COUGAR - a/c, ps/pb, 351 ci, 8 cyl. \$1950. 286-8356 eves.

75 PLYMOUTH - excel cond, 60,000 mi, leaving the country. \$1100. Ratko, Ext. 2829, Ext. 3219 eves.

72 DODGE DART - a/t. \$750. 281-5767.

TIRES - new, used, rims, repairs, Gillette, BF Goodrich, mag wheel service. F. Usack, Ext. 4798 lunch-time.

73 CHEVY IMPALA - ps/pb, a/c, FM/AM, extras. Jim, Ext. 3372, 821-0250 after 6.

77 MONTE CARLO - loaded, sun roof, SW/bckts, tilt steering, 18 mpg, low mi, \$4500; 75 Pinto Wgn Squire, ps/pb, a/c, AM/FM/8 trk, 29,000 mi, 6 cyl, excel cond, \$3600. John, Ext. 2940.

NEW M/C TUBE - 300x16, fits Honda and other popular bikes. \$3. Ernie, Ext. 3357.

76 CHEVY VAN BEAUVILLE - V8, a/t, ps/pb, 50,000 mi, 8 psgr, top cond. \$4000. Elzirga, Ext. 2364, 929-8944.

71 TOYOTA COROLLA - 26-29 mpg, very good, std trans. \$650. Ray, Ext. 4751, 732-4885.

TIRES - H78-15, 4 ply, Glasbeltd, 1 new unused, \$35; 1 slightly used, \$25; both/\$50. Carolyn, Ext. 7976.

71 VW BUS - new eng, brakes & tires, excel cond; 69 Toyota Corona, 26-28 mpg, excel mech, body fair, best offer over \$550. Rich, Ext. 2965, 744-0960.

71 BUICK SKYLARK - green/beige, p/s, sm V8. \$500. Rich, Ext. 3572, 581-0932.

75 PONTIAC BONNEVILLE - 4 dr, r/h, V8, good cond. \$1095. Ext. 2937.

71 PLYMOUTH FURY - 2 dr, ps/pb, a/t, many new parts, good cond. \$450. Okumura, Ext. 7699.

74 OLDS STA WGN - excel, fully equipped, mtd snows. \$2000. Ext. 4228.

72 VW 411 STA WGN - excel cond, a/t. Asking \$1950. 286-1122 after 6.

69 MERC STA WGN - good transp. \$240. Ext. 3130/3774.

69 LINCOLN CONTINENTAL - 4 dr, good cond. \$900. 585-9816.

74 CHEVY MALIBU SEDAN - reg gas, superb cond, 2 snows. Asking \$1500. Ext. 3707, 744-0007.

69 MGB RDSTR - overdrive, wire wheels, radio, 54,000 mi. \$2000. Larry, Ext. 3767, 744-3744.

75 CHEVY VEGA - 23 mpg, 43,000 mi, good cond, orig owner. Ext. 3082.

73 AMC HORNET WGN - 65,000 hwy mi, a/t, a/c, p/s, AM/FM radio, Chapman lock. \$1000. Jim, 924-8522 after 5.

72 CADILLAC - 4 dr sedan. \$1700. J. Soler, 234-7225.

69 MERCURY MARQUIS WGN - a/c, working pwr assists, trailer hitch, severe rust but runs well. Borg, Ext. 3568, 286-0428.

78 HONDA - 400 cc, a/t, electronic ignition, luggage rack, sissy bar, needs tune up. \$1100. Mike, Ext. 2903.

74 BUICK RIVIERA - fully equipped low mi. \$1950. 666-6136, 427-2022.

72 FORD PICKUP - 8 cyl, 360, 4 spd manual, 8' bed, new brakes, tune-up, no rust, w/cap. \$1500, w/camper \$2000. Bumstead, Ext. 4615.

76 PLYMOUTH VOLARE WGN - 6 cyl, new tires, very good cond. \$2500. D. Richter, Ext. 3927, 345-3480.

76 OLDS CUTLASS - excel cond, all pwr, a/c, 15 mpg avg. Joe, Ext. 3763, Ext. 3210 eves.

BUMPER GUARDS - 2 pr brand new Honda Civic bumper guards, \$43; 5 spd new Honda Manual, \$7. Gail, Ext. 2904.

2 USED TIRES - JR78-15, good cond. \$20. Ext. 3854.

71 PONTIAC CATALINA - ps/pb, a/t, AM/FM radio. \$500. Bill, Ext. 2022, 727-4228.

RESTORE A CLASSIC - 68 Buick conv, good mech, needs tires & top. \$50. 286-2320.

72 FORD TORINO - a/c, a/t, ps/pb, good cond, leaving country, avail end Sept. \$650. Ext. 4453.

69 JAVELIN - std shift, new tires, good on gas. \$575. Peter, 286-0158.

77 FORD VAN - fully finished in & out, Blaupuket stereo, Appliance chrome wheels, Doug Thorly side pipes, radials, never used in winter, must be seen. \$5400. 585-7726.

73 BUICK LE SABRE - excel running cond, ps/pb, a/c, new parts, leaving country Sept 25, must sell. \$1000 or best offer. Rigbi, Ext. 3417/3031.

65 DODGE PWR WGN - 4 w/d, 4 spd, camper cap, new tires, dog trac spoke rims, diaz sig sys, rebuilt front end, transfer case. Bill, 281-2217 after 6.

68 FORD TORINO - runs well, new tires. Asking \$295. Arbeit, Ext. 4118, 928-5714.

73 KAWASAKI S2A - 350cc, very good cond. \$500. Ext. 2022.

Boats & Marine Supplies

16' FIBERGLASS RUNABOUT - dbl bottom foam filled, h.d. tilt bed trailer, no motor. \$800. Ext. 4502.

31' ULRICHSON - 238 hp Gray Marine Sport Fish, 6 1/2 gal per hr, sleeps 6, f. canvas, many extras. Asking \$6000. 473-7166.

16' STARCRAFT FIBERGLASS - twin 40 hp elec start Johnsons, runs well. \$1000. Don, Ext. 3397, 289-0265.

14' ALCORT FLYING FISH - 120 sq ft full batten sail, self bailing cockpit, seats 4, trailer. \$925. Hichborn, 929-4133.

19' FG LIGHTNING SAILBOAT - lg cockpit, good daysailer, 3 hp outboard, trailer. \$1950. R. Ince, 286-0682.

18' GARVEY 1974 - 115 hp Evinrude, good cond, price negotiable. Bob, Ext. 3309, 289-1568 after 6.

60 HP EVINRUDE 1966 - all elec, extras, can demo, excel cond. \$350. R. Doering, Ext. 4474/3080.

12' ALUM SEARS BOAT - \$125. Ext. 3654.

TONG BOAT - 20' Volker garvey, good winter boat, \$550; 40 hp Johnson, \$300. Jack, 286-0851.

23' CHARACTER SLOOP - Skip Jack, twin keel, Seagull outboard, head, galley, sleeps 2, main & working jib. Asking \$6500. Wes, Ext. 3399.

19' O'DAY MARINER - 2 sails, 4 hp Evinrude recently overhauled head, sail cover, etc. Asking \$3800. 473-2473.

DANFORTH ANCHOR - Mod 135, galv, w/4' chain, excel cond. \$30. Cal, Ext. 3532.

Yard Sales

MANORVILLE - Halsey Manor Rd, Sept 14-15-16, group yard & garage sale, household, lots of furn, tools, lots more.

BROOKHAVEN - 12 Chapel Ave, Sept 15-16, tools, elec, antiques; 2 houses. 286-0436.

MASTIC BEACH - 11 Silver Rd, Sept 15-16, all must go. Ext. 4289.

POQUOTT - 5 Sharon Ave, Sat 9/15, 10-4, rain date 9/16, furn, housewares, books, more. 689-9228.

Miscellaneous

23" BIKE - 10 spd Dawes Galaxy, good cond, extras. \$125. Carl, Ext. 2345, 744-2069 eves.

PETERSON CAR SEAT - infant thru 40 lb child, excel, \$15; self-cleaning elec range, needs thermostat, good, \$50. 588-3146.

LG ATTIC FAN - 24", 1/2 hp motor, in housing. \$40. 286-3509.

WET SUIT - 2 ladies' jackets. \$10 ea. Ext. 2934.

LAWNMOWER - needs motor work. \$35. Sue, Ext. 2050, 475-5834 after 6.

POLAROID 360 - use 108 film, w/elec flash & charging base, close-up kit, case for entire equip. Sacrifice, \$50. Ext. 3254.

ELEC MOTOR - 1/2 hp, \$20; 1/2 hp w/pulley, \$12; both split phase Dayton. Mike, 281-6191.

REVOLVER - CO2 pwrdbl action Crosman model 38-177, 6 shot, brand new. \$25. Fred, Ext. 4095.

DEACON'S BENCH - heavy dk pine, good cond. \$35. 363-7620.

WOOD KITCHEN TABLE - formica top, 2 chairs, \$25; 3/4 hp deep well jet pump, 2 stage pres SW, 110v, \$45. J. Dispart, Ext. 3284.

AUTO SLIDE PROJECTOR - Aireiquipt, w/trays, Superba mod 77A, excel cond, \$65; Craftsman jointer, 4", w/motor & stand, excel cond, \$85; Bell & Howell Director series auto load 8mm projector w/zoom lens f1.2, excel cond, \$110. Chuck, Ext. 3254.

VIP MEMBERSHIP - Holiday Spa, good at any spa, renewal \$24/yr, a good investment. \$600, must sell. Al, Ext. 3281, 263-0540, 588-4703.

PORTABLE TYPEWRITER - Royal. \$35. Ext. 4533.

DBL SINK - stainless steel, \$20; elec stove top, 2 units, \$25. Juile, Ext. 2942, 929-6460.

STEREO RCVR - 8 trk AM/FM/MPX, Korvette's XAM w/turntable, almost new. \$40 or best offer. Ext. 3357.

OFFICE COUCH - bench type; Philco in-dash AM radio. Chris, Ext. 3919, 929-4310 after 6.

FIREPLACE GRATE - cast iron, \$10; fireplace screen doors for arched opening, custom made, cost \$200, sell \$60. Ken, Ext. 4421, 744-0722 eves.

REFRIG - 5 cu ft, excel cond. \$100. Cora, Ext. 3908.

DROP LEAF TABLE - antique cherry wood, excel cond. \$150 firm. Irene, 589-5126 after 5.

AFGHANS & BEDRM SLIPPERS - hand crocheted. 928-9295.

PUPPIES - English Springer Spaniels, AKC, home raised, 9 wks old, excel family dog. Reasonable. 473-1967.

6' COLONIAL COUCH - subdued plaid uphols, new cond, used only 4 mos. \$175. 286-8552.

SEWING MACHINE - Sears swing needle F/R 2197A9, knee/foot control, table, 2 drawers, access. \$65. Ext. 7730, 286-8097.

LUMBER - used 2x4, 2x6 & 3/4 interior plywood. Jerry, Ext. 2924, 744-2816.

SNARE DRUM - new skin, sticks, stand, book. \$35. Ext. 3894, 744-9812.

WALL UNITS - 11 1/4"x72"x68" (DWH), walnut finish, \$69; 11 1/2"x60"x72" walnut finished steel, \$29; three 3-shelve book cases, \$20. Anne, 924-6015.

CROSSMAN PEACEMAKER 44 - 22 cal, CO2, pellet pistol w/leather holster. \$25. Bill, Ext. 4605, 281-0557.

Please see supplement for ads that do

not appear on this page.

Miscellaneous

3 TICKETS - for "Annie" for evening of Sept 20. Ext. 3753, 286-2093.

EVERGREENS - fir & spruce trees, 22"-42" tall, you dig, 2/\$7; lily of the valley plants, 100/\$5. 727-1617.

DIVERS - buoyancy vest, Navy type, cartridges incl. \$25; Hollywood broiler-rotisserie, \$5; glass doors, 8' alum frame incl tracks, make offer; FM stereo, pilot tube type, make offer. 473-3604.

2 UNITED 1/2 FARE COUPONS - for 2 American coupons. Ext. 2463.

LIV RM SOFA & CHAIR - gold velvet, excel. \$100. 475-3598.

ELEC LAWNMOWER - dual blade, 18" B&D, excel cond. \$45. Vinny, Ext. 4285.

SWIMMING POOL COVER - 12-15' diam, used 1 yr. \$15. Ext. 2417.

26" FRANKLIN STOVE - Amer made, screen, grate, boot, 1 yr old. \$150. 924-7929.

MINI PICK-UP CAMPER - 1976, full size cab-over sleeps 4-5, refrig, stove, heater, self contained. \$1850. 399-2070.

DEHUMIDIFIER - Fedders 28 pints, fully auto; 4x8 pool table, many extras, \$250; Thomas Color Glow organ, fully auto, \$1000. Joe, 234-7225.

RIDE-ON LAWNMOWER - 24" Huffy, 5 hp, \$150; cast iron Franklin stove w/access, \$150. Mary Eileen, 286-0801.

FOR ADOPTION - mixed Lab dog, 1 yr old, male, all blk w/little white on neck, very gentle, great w/ children. Steve, 889-6963.

STORAGE SHED - 6'x9' alum. \$100. Tony, Ext. 3293 noon or after 5 p.m.

BIRD WHITE SHINGLES - 1 bundle. \$6. F. Rumph, Ext. 4581, 588-3565.

SKIS - child's sizes, boots & poles, too. \$12. Jim, Ext. 3372.

REFRIGERATORS - 2 dr w/lg freezer, old but runs well, \$35; lg sturdy trunk, \$30. 286-1832.

KENMORE PORTABLE DISHWASHER - butcher block top, rinse/hold, pwr miser hot/dry cool. \$125. A. Hull, Ext. 4210.

DRESSER - w/mirror, \$25; twin headboard, \$5; bedside table, \$5; pr end tables, \$15. Jeannie, 727-4242.

HALF-FARE COUPONS - American Airlines. \$50 ea (2). Ext. 2625, 581-3913.

66 KEY PIANO - just tuned, excel cond, ideal for beginner or apt. Reasonable. 475-2155.

METAL DESK - brown color. \$70. 924-5453 weekdays after 6.

GE A/C - 10,000 BTU, new, never used, has warranty. \$300. Paula, Ext. 2253, 698-8950.

HALF-FARE-COUPONS - American Airlines (2). \$75 ea. Ext. 4240, 286-0295.

MET OPERA TICKETS - Cavalleria Rusticana/Pagliacci, Sat eve 9/29. 2/\$7 ea. Ken, Ext. 4372.

HI RISER - w/2 mattresses & 2 bolsters, \$50; dbl dresser w/lg mirror & night table, \$100; both excel cond. Ext. 4339, 698-7212.

BLK LEATHER COUCH - w/pull-out full bed, VG to excel cond. Asking \$180. Ext. 3139, 585-5256 after 4.

POOL COVER - vinyl, for 16x24 pool w/water sleeves, good cone. \$35. Ext. 4024.

23" ZENITH TV - b/w wood console, excel cond, Mod B2417W4. \$50. 475-5894.

4 PC SECTIONAL SOFA - good cond, cocoa brown, ideal for fam rm. 727-0552 before 9 a.m. or after 6 p.m.

WESTINGHOUSE WASHER - good cond, variable temp settings. \$50. Ext. 2825, 286-2739.

SLIDING DOOR UNIT - 30 1/2x18x29, chocolate brown w/oak trim, never used, \$20; barbell-dumbbell set, 48 kg (106 lb), Sears speedlock type. \$15. 286-1444.

SUNFLOWER SEEDS - organic, 11 grown. 2 lb pkg/\$1. 924-3236.

ELEC STOVE - white Lady Kenmore. \$25. Doug, Ext. 3388, 331-3329.

REFRIG - Frigidaire no frost, side-by-side doors, 19.2 cu ft. Asking \$100. Ext. 3379, 924-0898.

COLONIAL STYLE RUG - asstd sizes & colors, almost new cond. Barb, 399-4929, 8:30-5.

GUITAR - Ibanez Stratocaster, blond, 3 Di Marzios, 8 mos old. \$150. Ed, 331-3805.

POGO STICK - \$5; BX cable, 4 conductor, size 6, 40 ft, good for elec range feeder or for a sub panel, \$7 or best offer. 727-3608.

WICKER BIRD CAGE - Stier natural bamboo, never used, excel cond. \$20. M. Tesla, MO9-9482.

FISH TANK - 10 gal, \$9; bowling balls, \$4 & \$6; tour-a-bed, \$9. Ext. 4207.

GERMAN SHORTHAIR POINTER - AKC, 9 mo male, excel bird dog. Neal, Ext. 2022, 924-4113 after 6.

PORTABLE CLOTHES WASHER - Sanyo, like brand new, used 1 mo. \$150. Rick, Ext. 4100.

NEW STEREO SPKRS - 8" Pioneer woofer, 3" tweeter, walnut cab, handles 20 watts. \$45/pr. 732-6712.

PATIO ROOF - 10'x30' sturdy extruded alum, riveted frame, needs fiberglass covering. \$150. 475-1494 eves.

HANGSTROM ELEC GUITAR - 2 pickups, case, new amp, clipping base, treble, reverb. \$130. Maria or Gail, 265-1688 after 5.

2 CUSTOM BENCHES - solid wood, high backs, good for breakfast nook, \$25 ea; mod Danish sofa, \$40. J. Disparti, Ext. 3284.

WOODEN BARRELS - 50 gal, 35 gal & sm smaller, \$45 & \$35; fish tank, 10 gal, \$9. Ext. 4172.

8MM MOVIE EDITOR - Cavalier Performer II, \$15; 4x4 silver screen, fold-up movie screen, excel cond, \$25. Chuck, Ext. 3254.

TENT - deluxe lodge w/floor, 12x12, 7'3" ridge, 6' walls, zippered storm flaps, h.d. outside alum frame. Fred, Ext. 4095.

2 GAS STOVES - twin iron bed frames; canopy iron bed frame. Ext. 2409.

CERAMIC PAINTS - "Mayko," 24/case, 50% discount, brushes. Antoinette, 821-0832.

MOTION TREND MOTORCYCLE FAIRING - used on 650 Yamaha. \$150. G. Hughes, Ext. 4212, 727-1096.

FREE - queen size box springs, fair cond; Singer sewing machine, \$25. Jean, 399-5095 after 5

COFFEE & END TABLES - walnut, \$65; 29x46 picture frame w/6 gold mounted keys, \$10. 289-7470.

HITACHI HOME STEREO - AM/FM cassette recorder w/record player, spkrs incl. \$275. Lou, Ext. 2034, 475-2598.

CAR TOP CARRIER - \$10; mod coffee table, \$10; folding stroller, \$5. Paul, Ext. 4474.

DINING SET - contemp walnut (Keller), 60" table, extra leaf, 4 chairs, 60" buffet, excel cond. \$295 or make offer. J. Ridgeway, Ext. 2452, 473-1154 eves.

BEDRM SET - walnut wood, queen headboard, 2 deep drawer bureaus, 2 bedside end tables, mod design, very good to excel cond. Asking \$300. Ext. 3139, 585-5256 after 4.

AM/FM CASSETTE - portable, w/microphone for recording, \$15; 12v remote antenna for camper, \$8. Ext. 4058, 286-0436.

BED - 26" w alum frame rollaway bed, never used, \$30; king size white chenille bedspread, \$20. Ext. 4695.

FENCE - 140'x4', heavy duty, green vinyl, top rails, gate, posts, excel cond, ready to install. 924-3553.

SOLIGAR LENSES - 135mm f2.8, 200mm f3.5 in Nikon/Nikkormat non Ai mounts, \$50 ea; Nikkor 43-86mm lens, new f3.5 Ai w/Nikon warranty & box, \$249. Phil, Ext. 7934.

AQUARIUM - 29 gal, all glass w/gravel, stand & other access. 732-8342 eves & weekends.

FREE STANDING FIREPLACE - blk, \$50; 7' off white contemporary couch w/vinyl cover, \$100; 3 bundles asbestos shingles, \$30; 3 loft leaders, \$6. 286-8185.

KING JAMES BIBLE - red leather, new, orig \$28, sale price \$15; Simons couch, converts to dbl bed, beige, \$95. George, Ext. 7654.

DISHWASHER - Sears portable, good cond, \$50; wooden high chair, \$10; b/w TV, RCA 19", works, \$20; dbl bed, \$25. 744-7164.

ENCYCLOPEDIA - compl pictorial, 1940 The Wonderland of Knowledge, 14 bks. \$15. Ext. 3254.

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

SHOREHAM - 4 bedrm colonial, 2 1/2 baths, L/R, D/R, eik, 1 fenced acre, 2-car gar, full bsmt. \$58,500. Ext. 3040, 744-2821.

CORAM - 4 bedrm cape, eik, D/R, lg L/R, 2-car gar, fenced-in prop, 1/2 acre. \$38,900. Ext. 2951, 473-1585 after 6.

SOUTH SHIRLEY - 3 bedrms (possible 4th), 1 full + 2 half baths, L/R, D/R, eik, den w/fp & woodburning stove, bsmt, 2-car gar, many extras, 7 mi from BNL. \$37,000/negotiable. Ext. 3827, 281-0804 eves.

BROOKHAVEN HAMLET - charming older home, S. Country Rd, 3 bedrms, window seats, 29' L/R, D/R, eik, 2 fp, screened pch, fin bsmt w/bar, 2-car gar w/extra rm, chicken coop, 0.6 acre, lg veg & flr gdn, very low taxes, 8.5% mtg. Ext. 2633, 286-1056.

SETAUKET SOUTH - immed occupancy, 3 bedrms, L/R, den, eik, 1 1/2 baths, 3V Schools, \$1300 taxes, 1/2 acre, gas heat, fenced & treed bkdy, abvngnd pool & more. Asking \$33,000. George, Ext. 3061, 751-0894.

FLORIDA - Inverness Highlands West, 80x120 lot. Lists for \$3580, sell for \$3300 or best offer. Susan, Ext. 3404, 981-1195.

SOUTH SETAUKET - 5 bedrms, 3 baths, fam-rm type kit, 2-car gar, w/w, a/c, gas heat, prof landscaping, 3-Village Schools. \$49,000. Ext. 4207, 698-1785.

EAST MORICHES - 3 bedrm ranch, bsmt, 2-car gar, appl, 1/2 acre fenced, 1 mi to bay. \$36,500. Ext. 3771, 878-1471.

SHOREHAM NORTH - lg 4 bedrm home, 2 baths, on 1 acre, prvt beach, many extras. Sacrifice. Ext. 4156.

NORTH SHIRLEY - custom colonial, 4 bedrms, 1 1/2 baths, eik, D/D, L/R, fam rm w/fp, s/s, bsmt, more extras, 217'x100' prop. Ext. 3284, 924-0960.

RIDGE - 3 bedrm ranch, country style kit, den, L/R, D/R, 1 1/2 baths, fp, fin bsmt, fully landscaped, 1-car gar. \$45,000. Ext. 2582, 924-8297.

CENTER MORICHES - 3 bedrm Victorian w/gar & bsmt, 20 min from Lab, low taxes, assume 8 1/2% mtg, 3/4 acre, business zoned. \$42,000. Sharon, Ext. 3793, 878-2591 eves.

BELLPORT - south, prime location, 4-5 bedrms, 3 baths, den, oak, fp, lg D/R, eik, veranda, gas heat, 2-car gar, .6 acre, walk to shops, bech, boat dock, golf, tennis. Mid-50's. Anne, Ext. 3404, 286-3764.

SHOREHAM - 4 bedrm colonial, 2 1/2 baths, fp, eik w/bay window, 1/2 acre, fenced, north of 25A, walk to beach. Ext. 2627, 744-3443 eves or weekend.

HOLTSVILLE - 2 bedrm ranch, bsmt, fenced, very nice area, well landscaped, 1/2 mi from Expwy & Nicolls Rd, exactly 20 min from Lab, Sachem School Dist. \$22,000. George, Ext. 7654, 472-0172 eves.

ST. JAMES - Head-of-the-Harbor, 5 bedrm 2-story older home, 2 1/2 baths, 3 fp, formal D/R, 1 1/2 secluded acres, lg flr & veg gdns. \$62,000. Anne, Ext. 3404, 584-5685.

ROCKY POINT - The Tides, ranch on treed 1/2 acre, newly reinsulated, 3 bedrms, L/R, D/R, den w/fp, eik, oak floors, pine fin full bsmt, gar, patio, prvt beach, assumable 8 1/2% mtg. \$45,900. Ext. 821-9072.

LAKE GROVE - 3 bedrms, eik, den, 2-family, low taxes, landscaped. \$40,000. W. Lundgren, Ext. 3800, 467-1763.

BROOKHAVEN HAMLET - prime area custom cape, 2 bedrms down, 2 up ready to finish, L/R w/fp, eik, fin bsmt, fenced, pool, low taxes, extras. \$40,500. Ext. 2043, 286-8923.

BELLPORT VILLAGE - \$5000 cash assumes 8 1/2% mtg on 3 bedrm ranch 6 yrs old, fully insulated, OHW, s/s, 1/2 acre. Wayne, Ext. 2824, 286-3404.

MASTIC ACRES - 6 rms, full bsmt, baseboard heat, usable attic, 1/4 acre. Ext. 2547, 281-5498.

EAST PATCHOGUE - So of So Country Rd, 2 or 3 bedrms, fp, screened porch, alum siding, full bsmt, gar, low taxes, assume mtg. \$34,000. Ext. 7992, 286-2905.

For Rent

WADING RIVER - 2 1/2 rm bsmt apt, fully furn, all util, a/c, on the beach. \$250, lease. Ext. 4587, 929-8443.

LAKE PANAMOKA - 2 rms, bath, prvt ent, all util. \$200. Ext. 3354.

WESTHAMPTON BEACH - furn ranch, 4 bedrms, 2 baths, playrm, 1-car gar, fp, deck, washer/dryer, 1 acre, fenced-in backyard, near schools, village & ocean beaches, winter rental-now to May 25. Ext. 4235, 288-1556 eves.

SHOREHAM - 9 min from Lab, cozy 3 bedrm ranch, 2 baths, 2 gar, bsmt, all appl, a/c, economical gas heat, brick fp, avail Oct 15. \$420. Ext. 3707, 744-0007.

BELLPORT VILLAGE - rent w/option to buy, charming 3 bedrm cape, L/R w/fp, lg eik, D/R, study, avail Oct 1. \$400/mo + util. Ext. 3626, 286-0428.

PORT JEFFERSON - personable female wanted to rent furn rm/share house. \$130/mo + util. Gail, Ext. 2904.

SOUTHOLD - North Bayview Rd, 3 bedrm ranch, full bsmt, 3 yrs old. \$300/mo + util. Ken, Ext. 2022.

SOUND BEACH - 5 rm house near Lab, all util incl. Ext. 4308, 665-6189.

EAST PATCHOGUE - sm house, lg yard, water view, 20 min from Lab, 2 bedrms, unfurn. \$275/mo + util, avail Oct 1. Ext. 3482, 751-1587 eves.

YAPHANK - German Gardens, sm bungalow for single, avail Sept 1. Ext. 7617, 924-3946.

SHOREHAM - shorefront, 2 bedrms & bath for 1 or 2, share spacious kit, D/R, w/professional gentleman, prvt beach, many extras. \$350/mo w/util. Ext. 3622, 744-3429.

Wanted

TOYOTA'S - any cond, reasonable, 1968-73, 4 cyl or 6; set of weights for beginner. Bob, Ext. 2819, 289-0357.

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

HORSE LOVER - to share expenses in exchange for riding, pure bred Arabians. 744-4779.

ROOMMATE - to share 3 bedrm furn apt in Shirley. \$160/mo, util incl. Willy, Ext. 3012.

ANY SILVER COINS - will inspect & make offer if coin(s) is desired. Tony, Ext. 3194.

1 BEDRM APT - perfer Port Jeff/Stony Brook areas. Ext. 2841, 345-2841.

BABYSITTER - for Tuesdays from 4:30-9:00 (\$1.25/hr), Middle Island area. Mali, Ext. 7664.

COLEMAN VERSATRAILER - top cover & spare in VG cond or equivalent. Reasonable. Ed, Ext. 4636, 929-4522.

SHOP MANUAL - for 76 Cutlass Supreme V8. 744-5867.

DEHUMIDIFIER - used, 2 yrs old, good cond. Ext. 3167.

BOARDING LADDER - 3 steps, portable, for side mounting. Fuller, Ext. 2923.

APT TO RENT - to professional couple, no pets, no children, preferably on North Shore, Wading River area. Ext. 4483, 744-2644 after 5:30.

WINEMAKERS UNITE! - anyone interested in pooling information, grape purchase & equipment. Tom, Ext. 4674, 286-2505.

PERSON LIVING ON SITE - to care for 3 yr old boy, prefer someone with a child of the same age. 473-8717 after 6.

TRAILER - about 4'x6', reasonable. Ext. 3688, 363-7032.

CAMPING LANTERN - & gas stove in good cond. 878-8874 after 5.

GERMAN SHEPHERD LOVER - moving & need home for male, good watch dog, needs love & TLC. Paula, Ext. 2253, 698-8950.

SHOTGUN - 20 gauge, bolt action, good working order. Jay, Ext. 2022.

TUTOR IN PHYSICS - for HS senior to prepare for achievement test. Ext. 4848, 744-2947.

HOME - desperately needed for good natured shepherd mix dog or he will be destroyed. Ext. 4304.

RESPONSIBLE BABYSITTER - 3 days/wk, Patchogue area. Rick, Ext. 4664.

BABYSITTER - 3:00-5:30 p.m., Mon-Fri, Wading River School Dist, your house or mine. 345-2970 or 751-1073.

1 HALF-FARE COUPON - from UA or AA, reasonable. Ext. 7635, 654-2591.

USED DESK - w/side drawers & center drawer. Ext. 3783.

Car Pools

STONY BROOK VILLAGE AREA - 2 participants wanted. Ed, Ext. 2007; Les, Ext. 2282.

BELLPORT - 1 or 2 persons to join already formed car pool. Martine, Ext. 3967.

ROCKY POINT - Hallock Landing, join an existing car pool or form a new one. Jorma, Ext. 7755, 744-2558.

Lost & Found

FOUND - child's handbag in Bldg 460. Barbara, Ext. 3319.

LOST - set of keys w/steel chain, Sept 5, between Cafeteria & Cosmotron. Reward. Ext. 4700.

Services

EXPERT BODYWORK & CUSTOMIZING - Louie's Auto Body, 1486 Montauk Hwy, Bellport. Free estimates. 399-5572 nights.

BABYSITTING - high school student, experienced, will babysit eves, Patchogue area. Rachel, 475-7733.

HOUSE-SITTING JOBS - now thru April, will mind pets. R. Wieser, Ext. 3080.

STORMS & SCREENS - alum & vinyl installation, free estimates. Tom, 325-1033.

BABYSITTING - will give your child loving care in my home near Lab (Ridge) weekdays. Sandy, 924-0425.

PIANO INSTRUCTION - conservatory trained high school student studied 10 yrs w/concert pianist. Jennifer, 744-3744.

BABYSITTING - mother will babysit in my home, part or full time. Diane, 821-9125.

BABYSITTING - mother will babysit, my home in North Shirley, 8:00-5:30. 281-7683.

BLACKTOP PAVING & SEALING - Bob, 475-4382.

MOVING - deliveries/pickups, free estimates. Ext. 3156.

CHILD CARE - I will love & care for your 3 or 4 yr old child in my home in Shoreham starting in Sept. Carol, 821-9547.

BABYSITTING - responsible high school senior will babysit afternoons & Saturdays, Bellport area. 286-8528.

FIREWOOD - seasoned oak, 4'x16'x18", split, delivered. \$110. Ext. 3919, 924-4284 after 5:30.

HOME INSULATION - Aeolite foam, free estimates Nassau/Suffolk. George, Ext. 4612, 289-0687.

AUTO - refinishing, bodywork, painting, ins claim handled, towing. Ext. 2546, 744-4047 after 6 p.m.

Ads left out of this issue due to lack of space need not be re-submitted to appear in next week's issue. Please note that ads may not be more than 15 words long and must be received in the Bulletin office by noon, Monday, for publication on Friday.