



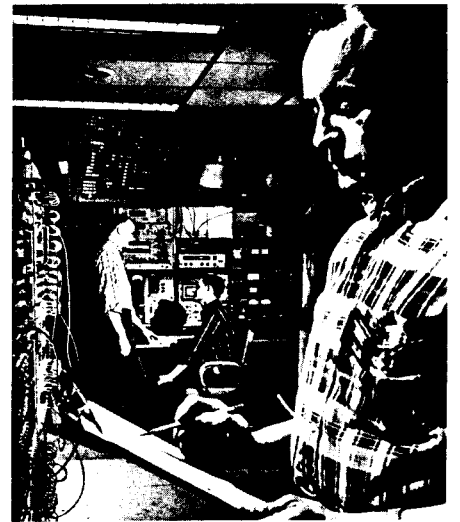
Dr. David Berley, scheduling physicist for the AGS, explains to experimenters the Time Schedule which has been developed for the start-up of the 33-GeV synchrotron. It is expected that some experiments will be able to be in operation before the end of this year. —Humphrey

AGS Startup Imminent

The first major shutdown of the AGS improvement program is expected to terminate before the end of this week. As of last Thursday, a spiraling beam has been obtained, and an accelerated beam is expected to soon follow.

Shortly after an accelerated beam is obtained, time will be set aside each day for starting experiments to uncover faults or failures in equipment. A full experimental program is dependent on completion of work remaining to be done by outside contractors.

The first meeting for time scheduling was held last Thursday in the AGS Seminar Room. Dr. David Berley, scheduling physicist, explained the projected schedule for the next few weeks and predicted that the AGS would be operating on three shifts by the 20th of December.



William Taylor (foreground) checks instrumentation in the 50-MeV linac control room. Robert Diem and Hugh Montgomery (rear) prepare for the startup of the AGS with a beam from the linac.



BROOKHAVEN BULLETIN

Published by the Brookhaven National Laboratory Public Relations Office



Volume 23, Number 48

December 11, 1969

State Atomic Agency Chairman Is Dead

Oliver Townsend, chairman of the New York State Atomic and Space Development Authority, died last week at his Scarsdale, New York, home after an illness of several months. He was 52 years old.

Townsend was active in the atomic energy field for more than two decades. He had been in charge of the atomic development program in the state for 10 years.

Under Townsend's leadership, the Authority established the Western New York Nuclear Service Center, in which are the world's first private reprocessing plant for nuclear fuel and the first state-owned site for permanent storage of radio-active wastes.

Townsend joined the staff of the Atomic Energy Commission in Washington in 1948. In 1953, he left the commission to help establish the Atomic Industrial Forum, Inc., a national association of the Atomic Energy Commission. He wrote many articles on atomic energy.

National Priorities — Are Revisions Needed?

United States Congressman Jonathan Bingham will be at Brookhaven National Laboratory on Friday, December 12 to discuss the question "Do our National Priorities need to be revised?"

Congressman Bingham, here for an unofficial meeting at the invitation of the BNL Coalition on National Priorities and the BNL Moratorium Committee, will, barring Congressional legislature emergency, discuss this subject at 5:15 p.m. in the South Room of the Brookhaven Center. All employees of BNL are invited to attend this meeting.

Jonathan Bingham, a Democrat-Liberal, represents the 23rd Congressional District of Upper Manhattan and West Bronx. He is a member of the House Committee on Foreign Affairs. Before election to the 89th Congress, he had long experience in public affairs in the United Nations, National and State positions. He is the son of the late Senator Hiram Bingham of Connecticut.

Holiday Bank Schedule

The Peoples National Bank on site will be open from 8 a.m. to noon only, on December 24th. However, the bank will be open Friday, December 26th, 10 a.m. to 3 p.m.

BNL employees who have Payroll Savings accounts with the Bank on site, should inform the bank of their correct building number, as many customers have changed their buildings in the past year or two.

To Be or Not To Be

There has been some misunderstanding at the Lab concerning the terms "Staff," "Employees," etc. They are used interchangeably and, without modifiers, have the same meaning. Thus, the terms "The Staff," "Brookhaven Staff," "BNL Staff," "All Employees," "All BNL Employees," etc., all mean the same thing.

Lab Snow Closing Policy Explained

Almost all of the major establishments on Long Island, as well as our sister laboratories in other states, do not close on account of weather. Occasionally, when faced with a hurricane or major blizzard, one of them will release people early. It is left to the individual employee to come to work if he can. Absences are normally counted as personal leave.

By contrast, BNL attempts, during periods of very bad weather, to adjust the times of opening and closing so as to avoid unreasonable hardship for the majority of employees in getting back and forth to work. Also, there is no loss of pay or vacation time during emergency closings.

When there is doubt in the morning as to whether the Laboratory should open, the weather and traffic conditions are reviewed between 5:00 and 6:30 a.m. and any announcement telephoned to the local radio stations. If it is estimated that the majority of employees can get to work on time or shortly thereafter, without unreasonable hardship, the Laboratory opens on schedule.

Forecasting A Problem

Forecasting the weather for Long Island is a problem. Frequently coastal areas are on the edge of snowstorms, causing inaccurate predictions of the snowfall. Also, of course, forecasts can change significantly in a few hours or even be entirely wrong. This sometimes makes a decision reached at 6:00 a.m. appear unwarranted by eight or ten o'clock. Everyone should be alert to changed conditions, and be aware of delays that may be encountered in changing an earlier announcement. On bad weather mornings, many employees not only listen to one of the radio stations that have been listed in the *Brookhaven Bulletin*, but also

check with a member of their car pool or a neighboring employee. Telephoning the Laboratory should be avoided, except as a last resort, as the operator can't handle everyone's calls. Even when a delayed opening is announced, listen to your radio for a possible change before leaving home.

Snowfalls Vary

Snowfalls sometimes vary widely between the North and South shores, or from East to West; the progress of snow plowing varies between Towns; snowdrifts vary with the locale. These variable and changing conditions create a diversity of difficulties for drivers that vary in degree from place to place. During storms each driver should estimate his own situation by listening to the latest weather forecast, noting the current weather and other conditions, and using his common sense. Whenever driving conditions in the locality appear extraordinarily hazardous, each individual must use his own best judgment about getting out on the road, or, once on the road, continuing the journey.

Until weather forecasting is perfected, BNL's efforts to help its employees during storms will not always be effective. The Laboratory's policy on snow closings remains unchanged. It is each employee's responsibility to ascertain when his services are required and to make reasonable efforts to meet this obligation.

This is an attempt to inform everyone of the Lab's policy on snow closings, and to advise newcomers to the area of some of the difficulties they will encounter during bad weather. As the weather has provided man with a favorite subject for conversation for 10,000 years or more, please resist the impulse to comment or ask unanswerable questions on this article.

AEC Advisory Panel Meets



Dr. Ronald Rau, Chairman of the Physics Department confers with members of the AEC High Energy Physics Advisory Panel during their recent visit to Brookhaven National Laboratory. Shown with Dr. Rau (left) are: Dr. W.K.H. Panofsky, Stanford Linear Accelerator; Dr. Victor F. Weisskopf, Committee Chairman; and Dr. S.B. Treiman, Princeton. —Humphrey

Medical Insurance

For Dependent Students

Children of Laboratory employees are regularly covered under the employee's Family Medical Insurance Plan until the December 31st following their nineteenth birthday. Dependent Student Coverage is available for a child over age nineteen provided he is attending school on a full time basis and provided the employee applies for the coverage.

If there is a full time student in your family who will reach age 19 this year, be sure to apply for Dependent Student Coverage on his behalf as soon as possible. There is no additional premium required to obtain this coverage.

Application can be made at Personnel Services, 58 Brookhaven Avenue. Further information can be obtained by calling Extension 2106.

Employees with children who are no longer eligible for Dependent Student Coverage, should notify Personnel Services immediately.

Population Explosion

The Suffolk County Department of Health announced that in October it recorded 1,462 births and 583 deaths of Suffolk County residents, compared with last year's 1,527 births and 552 deaths for the same month.

The Health Department also recorded 312 cases of reportable diseases; cancer with 212 cases was the most frequently reported disease. The others were: 8 cases of tuberculosis, 23 of gonorrhea, 23 of infectious hepatitis, 22 of streptococcal sore throat, 5 of meningitis, 5 of syphilis, 4 of salmonellosis, 3 of German measles, 2 of scarlet fever, 2 of whooping cough, and one case each of encephalitis, serum hepatitis, and shigellosis.

Worcester Valvelab

Coming to Brookhaven

A totally self-contained "valvelab" will be visiting on site Tuesday, December 16. Displayed are valves and controls manufactured by the Worcester Valve Company, Worcester, Massachusetts.

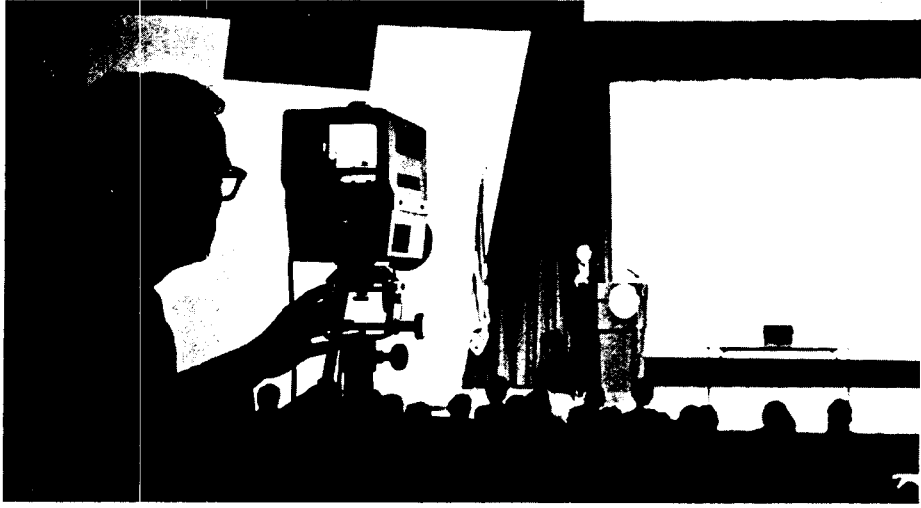
The "valvelab" will be open for all interested parties throughout the day. It will be situated in the parking lot between the Theatre and Cafeteria. Worcester's New York distributor, the H.P. Sherman Company of Brooklyn, New York, will be sponsoring this visit.

Cooking Exchange Christmas Party

Thursday, December 18, from 4 to 6 p.m. has been selected for the annual Cooking Exchange Christmas party. Husbands are welcome to this party, which will be held in the Apartment Area Recreation Building.

Please call Josette Auerbach (286-3742) or Jackie Newman (AN5-7183) if you wish to attend.

BNL Lecture Televised



The 88th Brookhaven Lecture, given by Martin Blume on Wednesday, December 3, was recorded on television tape by the Photography Division. The taping of the lecture was done under the direction of Robert Walton, Photography Supervisor. The experimental TV-Taping of the lecture was done with equipment that has now become standard in most National Laboratories. Walton was assisted by Douglas Humphrey and John Lauber in this application of modern photographic techniques. One television camera was at the rear of Berkner Hall (above) and another one was in the projection booth. Taping and monitoring of the lecture was done in the glass-enclosed booth at the right front of Berkner Hall.

Robert Walton (right) checks sound communication with cameraman as John Lauber adjusts TV tape recorder.



Arrivals & Departures

Arrivals

James C. Biamonte.....P.E.P.
 Jane DeLettera.....Director's Office
 Arthur J. Hoelderlin, Jr.....Physics
 Christine I. Kendrick.....Biology
 Krystal G. Miles.....Applied Science
 Roland Wilson, Jr.....Applied Science

Departures

Michael D. Goldfarb.....Applied Math.
 Marie Gross.....Accelerator
 Sylvia E. John.....Applied Science
 Rebecca Sutter.....Director's Office
 Bjorn Warnqvist.....Chemistry
 Catherine C. White.....Applied Math.

Snow Closing

As in past years, Lab employees are urged to listen for closing notices before starting to work on a snowy day. Information on emergency closing due to inclement weather will be carried by the following radio stations:

	AM	FM
WRIV Riverhead	1390	-
WHRF Riverhead	1570	103.9
WPAC Patchogue	1580	106.1
WALK E. Patchogue	1370	97.5
WLNG Sag Harbor	1600	92.1
WBAB Babylon	1440	102.3
WHLI Hempstead	1100	98.3
WLIX Islip	540	-
WGSM Huntington Station	740	94.3
WGLI Babylon	1290	-

Here and There

Claire Lamberti

Glenn Price (DAS) visited Argonne National Laboratory on November 20 to attend the Zero Power Plutonium Reactor Dedication.

Lewis K. Dahl (Medical) attended the White House Conference on Food and Nutrition in Washington, D.C., November 30 to December 4.

A.O. Allen (Chemistry) attended the Second U.S.-Japan Conference on Radiation Chemistry in Hakone, Japan on November 10-13, where he gave a lecture on "Ionization of Liquids by Radiation." On November 14, he spoke to the Radiation Chemistry Group of the Japan Atomic Industrial Forum in Tokyo on "Radiolysis in Heterogeneous Systems."

A.W. Castleman, Jr. (DAS) recently presented a paper at the Saclay Conference in Paris, France, where he also gave an invited review of the session dealing with Fast Reactor Safety. He visited Karlsruhe, Germany and presented the Brookhaven work on Aerosol Physics.

Jack Canton (Police) has been elected by the Board of Trustees of the American Federation of Police to the Office of State Vice President of New York.

George C. Lindauer (DAS) attended the ANS Winter Meeting in San Francisco, November 30 to December 5, and presented a paper entitled "On the Initial Size Distribution of High Number Density Aerosols."

Alfred Wolf (Chemistry) attended a meeting of the Italian National Research Council on November 11 and 12 in his capacity as a member of their visiting committee. While in Italy, he presented a colloquium at the University of Pavia.

O.E. Dwyer (DAS) presented a paper entitled "Heat Transfer to Liquid Metals Flowing Through Closely Spaced Rod Bundles" at the ANS Winter Meeting in San Francisco.

Gerhart Friedlander (Chemistry) attended a meeting on November 7 at Princeton about possible conversion of the PPA accelerator to heavy-ion acceleration.

John C. Chen (DAS) attended the annual meeting of the American Society of Mechanical Engineers on November 16-20, to participate in committee meetings planning future conferences.

BROOKHAVEN BULLETIN

Published Weekly for the Employees of Brookhaven National Laboratory

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 CLAIRE LAMBERTI, Editorial Assistant

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NORBERT J. DERNBACH
 Public Relations Officer

Tune In!

#73 - Two items have been puzzling me for over a year now - both in reference to the new AGS Service Building.

Item One: The building has a handsome lobby, well designed, well lit and furnished. At the vestibule, there is a building personnel directory board - and this directory has never, to this day, been used - it is as bare and useless as it was the day it was installed on the wall. A year ago, I was told that help was not available to fill the board. Now, however, we have a new receptionist, several additional girl helpers for odd jobs and the Library Staff. Any of the above mentioned people could easily make the directory board functional, useful and an asset to the building as a whole, rather than be a dead duck - or rather an ugly ducking on the wall!

Item Two: Why is this new building, housing scientists, engineers, administrators - professional and technical personnel called "Service" building.

In the usual vernacular context, "service" inherently implies the performance of services of maintenance, supply, repair, installation, etc. In other words, such buildings as garages, utility shops and maintenance outfits are housed in "service" buildings. In my opinion, this new "prestige" building should be called the "AGS Office Building," of the "AGS Administration Building."

Dear #73, on:

Item 1. You are absolutely right and the editors sent your comment to the right person. The listing for name and location tags was sent to me a long time ago and sort of fell into the "not urgent pile." At any rate the list has been pulled and I have asked that it be updated and tags ordered.

Item 2. The name AGS Service Building was applied by Stone & Webster Company (Architects) to the drawings for the original Building 911 which does in fact house offices, laboratories, drafting rooms, repair and maintenance rooms, machine shops, assembly and test areas, and main control room. The name seemed apt for this building but apt or not it was adopted by most people and it stuck. When the new extension to Building 911 was planned, it was picked up on the C.T. Main (Architects) drawings as the Service Building Extension. This is the history.

There are very few official names for buildings at Brookhaven and our building is no exception (Chemistry Building, Physics Building, etc.). I call it the Accelerator Department Building.

JULIUS SPIRO, Accelerator Department

Cafeteria Menu

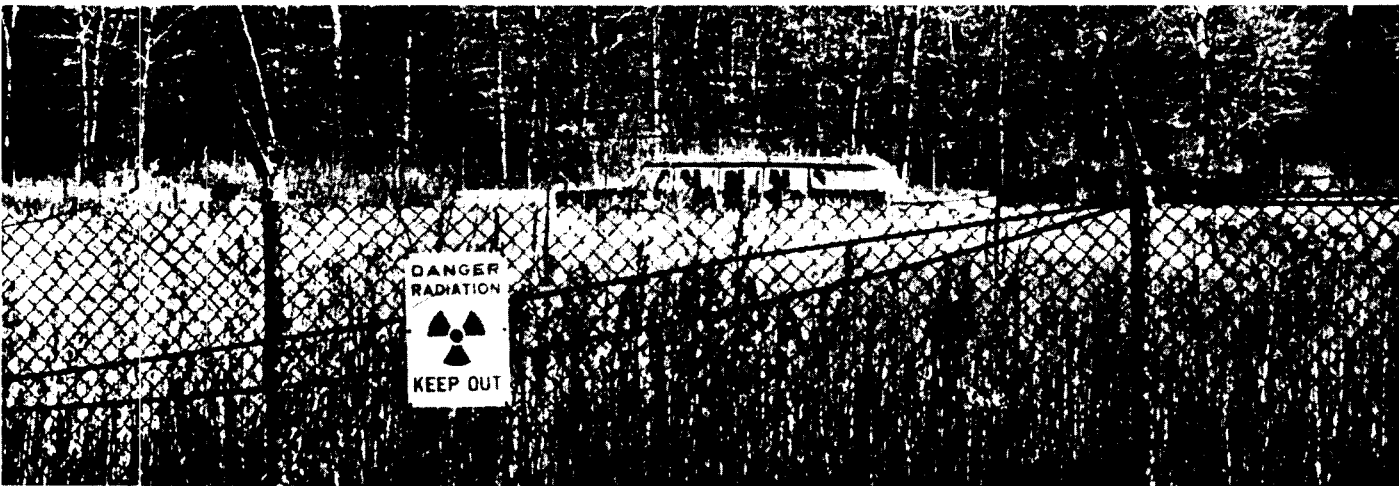
Week Ending December 18, 1969

Friday, December 12	
Old Fashioned Clam Chowder	
Fish 'N' Chips/Sauce/Tartare	.65
Pot Roast of Beef/Brown Gravy	.65
Shrimp Chow Mein on Crisp Noodles	.75
Monday, December 15	
Chicken Chowder	
Chicken Cacciatore	.65
Breaded Pork Chops/Applesauce	.65
Browned Corned Beef Hash/Chilli Sauce	.65
Tuesday, December 16	
Beef Barley Broth	
Barbecued Short Ribs of Beef	.65
Beef Chop Suey on Rice	.65
Broiled Chicken Livers/Bacon Strips	.70
Wednesday, December 17	
Special Christmas Dinner	
\$1.25 Plus Tax	
Cream of Mushroom Soup or Juice	
Tossed Green Salad	
Choice of	
Roast Sirloin of Beef	
Whipped Potatoes - Green Peas or Beets	
Or	
Old Fashioned Chicken Pie With Pastry Cover	
Choice of	
Apple, Pumpkin, or Mince Pie	
Rolls, Butter	
Coffee, Tea, or Hot Chocolate	
Thursday, December 18	
Mulligatawny Soup	
Sauerbraten w/Potato Pancakes	.75
Old Fashioned Tamale Pie	.80
Spaghetti w/Italian Sweet Sausage	.65

Safety Items

Safety equipment will be issued on the lower level of Building 535.

Senate Committee Members Here



Members of the Air and Water Pollution Subcommittee of the Senate Committee on Public Works visited the gamma field at BNL as part of their tour. The five committee members who spent the day at Brookhaven were briefed by staff members on the effects of radiation on man and his environment.

In addition to seeing the gamma field, the visitors also went to the Ecology Forest, where Dr. George Woodwell provided information on radiation damage to a natural forest.

—Humphrey



Deputy Director George Vineyard speaks to Committee members on the general aspects of environmental studies at Brookhaven.



Richard R. Royce, Staff Director and Chief for the Committee, listens intently to presentations by Brookhaven staff members.



Associate Director Victor Bond makes a point about the mechanisms of radiation damage to Committee members.

Dollars and Sense

Frank Federmann

APRIL 15, 1970

That onerous date is rapidly approaching. Dollars & Sense will begin publishing tax articles next week, and will continue on a weekly basis until about April 9, 1970. The following articles will be presented:

New Tax Forms
Taxable Income Part I
Taxable Income Part II
Capital Gains and Losses
Adjustments to Income
The Dependency Exemption
Medical Expense Deduction
Tax Expense Deduction
Interest Expense Deduction
Sale of Residence
Casualty Losses
Miscellaneous Deductions
NYS Income Tax
Are You an Average Taxpayer?

The Tax Reform Bill of 1969 (H.R. 13270) that we have been hearing so much about, will not affect our tax returns for 1969. When and if the Bill is passed into law, we will report the more important tax law changes. These reports, along with a two-part article on IRS Tax Return Examinations are planned for the Spring of 1970.

This column will restrict itself to taxation for the next six months or so because we feel it is in this area that pertinent information can best be translated into dollar savings.

We completely agree with a recent remark made by an IRS official that there are only two types of people who dislike paying taxes (1) men and (2) women.

Swiss Tenor Surperb As Concert Artist

The BERA concert series has been marked by a preponderance of instrumental concerts - solo recitals and chamber music groups. Last week we were treated to a glorious interruption of this trend, in the form of a recital by the renowned Swiss tenor Ernst Haefliger, accompanied by the pianist Franz Rupp. Mr. Haefliger's performance lived up fully to his international reputation as an exponent of the German Lied. He began with Beethoven's cycle "An die ferne Geliebte," a cruel test for a singer (especially as a "warm-up") which he passed handsomely in terms of both technique and interpretation. He continued with a group from Schubert's "Schwanengesang" and Schumann's cycle "Dichterliebe" in its entirety, preserving a superb balance of the lyrical and shifting dramatic aspects of the music. The audience was most enthusiastic and was rewarded with an encore. We hope that a precedent has been set for more voice recitals of similar quality and that BNL audiences will be exposed to the glories of the vocal repertoire in increasing numbers.

Two Free Tickets

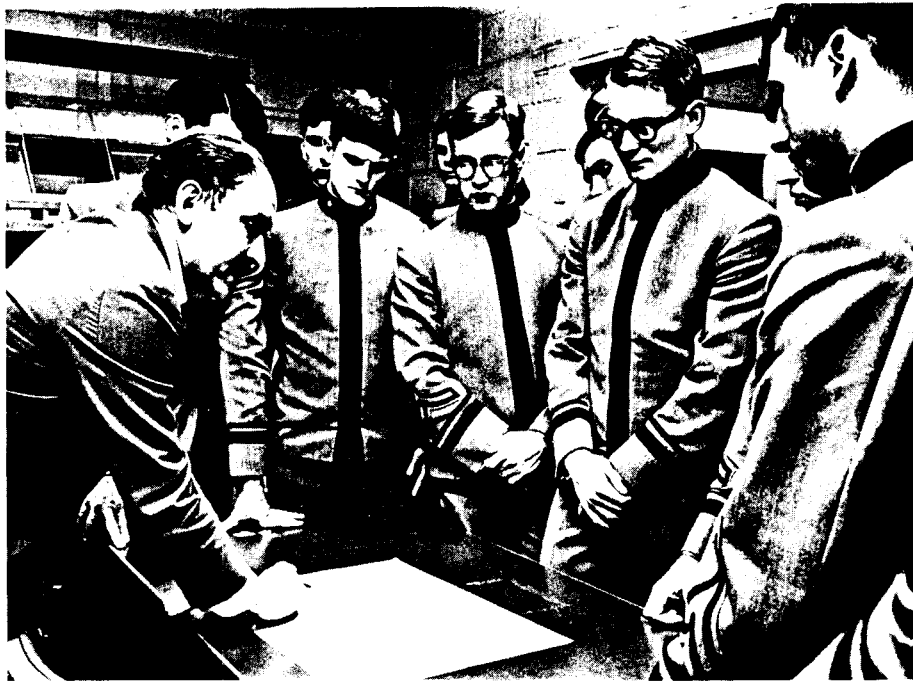
Our Utilities Division has volunteered to committee the next BERA Dance which has been tentatively scheduled for February 27th. Arrangements are now being made to contract the band, so hold the date.

At its first meeting last week, the Committee decided to discard the traditional themes like Washington's Dance or Valentine's Dance and is searching for something unique in the way of a name and decorating theme. If you have any novel ideas send them to Chairman John Scandizzo as soon as possible. If the Committee selects your suggestion, you will be rewarded with two free tickets to the (?) Dance. If it doesn't, come and criticize!!

Mixed Volleyball in the Snow

Neither rain, nor sleet, nor snow could stop the volleyball enthusiasts on December 1st. The Jets, with the best turnout both in members and wins, were champions in all three games totalling five wins to gain first place in the League. In second place are the Nets with three wins. The Mets drifted in the snow and lost all three games. The Bouncers made a comeback, winning two and barely losing one (20-22), to tie the Mets for third place.

West Point Cadets



Students from the United States Military Academy at West Point came to BNL on Monday for their semi-annual tour. The 40 cadets are all students in advanced atomic and nuclear physics. While here they visited the Graphite Research Reactor, the Alternating Gradient Synchrotron, the 80" Bubble Chamber, the Tandem Van de Graaff and the Flying Spot Digitizer. Paul V.C. Hough (left) shows a group of cadets how the Digitizer converts Bubble Chamber photographs into computer information.

Jet Playoff - Championship Game Tickets

We are happy to announce that the Recreation Office will have for sale 20 tickets, priced at \$6.50, for the Playoff Game at Shea Stadium scheduled for Saturday, December 20th.

and

20 tickets, priced at \$12.00, for the AFL Championship Game scheduled for January 4 at Shea Stadium. (This game will take place if the Jets win the Playoff Game and providing the second place team in the East wins their Playoff Game.)

Obviously, your requests for tickets far exceed our supply. Therefore, to give all employees a fair chance of purchasing the sought-after tickets, a drawing to determine the order of sale will be held on Wednesday, December 17 at 3:00 p.m. in the Recreation Office. The drawing will be restricted to employees only. Each winner will be permitted to buy one ticket. Requests for refunds on any tickets sold by the Recreation Office must be made by the ticket holder directly to the Manufacturers Hanover Trust Company, 741 Fifth Avenue, N.Y. 10022.

If you would like your name to be placed in the hat for one or both of these drawings, call Extension 2808 no later than noon on December 17th. Winners will be notified immediately following the drawing.

Hospitality News

The next Hospitality Committee coffee meeting will be held on Monday, December 15, from 10 a.m. until noon in apartment 9B. Don't miss this opportunity to extend holiday greetings to old friends and new. Bring the children - everyone is welcome.

TV Crew Photographs HFBR



A cameraman from the NET Playhouse program films the floor of the HFBR from a perch on the overhead crane. Bob Fuchs, Reactor Department, stands next to the cameraman as a safety measure. The HFBR is to be used as a background for a new series to be shown on NET Playhouse early in February 1970.

Soccer

M.T. Hutchings

BNL 1 Vs. Huntington Res. 3 (0-2)

A third encounter with Huntington took place on Sunday, November 30th at the Charles E. Walters School grounds in Yaphank. In a hurriedly arranged game, which found most of us still suffering from Thanksgiving dinners, our run of four wins came to an end. We had the better of the early encounters but failed to make good a couple of golden opportunities to score.

Our opponents began to settle down midway through the first half and took the lead with a well placed shot from the right wing. Their second goal sneaked in after the ball had criss-crossed our goal mouth several times. In the second half we let our psychological disadvantage get the better of us. We seldom worked the ball out from the defense to attack and our hurried clearances only came back at us with a vengeance.

Indeed Huntington began to move the ball about from man to man with skill and ease, always running into the empty space to provide the extra man, and only a succession of good saves by Cantera kept their score down. Their final goal was hotly disputed as the center forward appeared to handle before scoring, but by this time we were well beaten all the same. Webster salvaged our record of never having failed to score two minutes before time from a low cross by Rorvik.

We say goodbye to Carl Rorvik, Roberto Gabarain and Dave North this week. Between them they have helped to establish the Club and to provide such great entertainment for us all. We shall miss their personalities on the field and wish them all the best.

Monday nights, 7:30 prompt, soccer in the Gym. Come along or phone Ext. 7608 or 7193. Don't put it off - come next Monday.

Camera Bargains

The Film Service Office, located in the east end of the Gymnasium, is offering two excellent camera buys to all BNL employees. For \$15.36 (a saving of \$4.59) you can pick up a Kodak Instamatic-124 which includes camera, a film cartridge, 2 batteries and a flash cube. The Instamatic-44 Kit with the same accessories as the 124 model, is priced at \$7.88 (a saving of \$2.07). Cameras are always a welcomed Christmas gift; think about adding a couple to your shopping list.

The BNL Moon Rock Christmas cards are going as fast as the proverbial "hot cakes". You still have time to get yours. We're sure that if you see them, you will want to buy them.

The Film Service Office is open daily from 9:00 - 3:00. The telephone extension is 7221.

Christmas Shopping Made Easy

Wouldn't you like to get all the Christmas shopping for your children finished and out of the way during one lunch hour? The Recreation Office has a limited supply of games and toys that will be sold to BNL employees at a 25% discount from now until Christmas. Come in and look around - you might find two or three items that are on your youngster's list to Santa Claus.

If we don't have what you're looking for, you can pick up a Harry Lillywhite catalogue that's chock full of ideas for Christmas giving. All catalogue items may be purchased directly from the Lillywhite store in Southampton at a 20% employee discount.

In addition to the Christmas games and toys, the Recreation Office has available athletic equipment including: BNL T-Shirts, tennis balls, shuttle-cocks, table tennis paddles, athletic socks, combination locks, shoelaces and playing cards.

The Recreation Office is open from 9:00 to 1:00, Monday through Friday.

Bowling News

Irma Carl

Pink League

Position night can't come soon enough to break up the close run by the Alley Oops, Fiscal Assets, and Pinsplitters who are all tied up for first place. Ruth Petit (181) has joined the high gross game list.

Will the Team Captain who sent an anonymous note to our League President please write Tune-In who will be glad to answer it!!!

Red League

Watch next week for "who's in first"!!!

Purple League

First place is in doubt due to a postponement, but it is still a three way race between Designers, Exots, and S&M.

Ed Sperry really had himself a night bowling 212-223-212 for a 647 series. The other guys who were trying included Mike Iarocci 197-532, Charlie Tomesch 217-526, Joe Cuccia 195-524, Ralph Taylor 236-517, Worth Austin 239-510, Marshall Bull 188-509, Phil Borzi 180-509, and Mike Guacci a 208.

Holiday Schedule For Recreation Facilities

The Recreation Building, Swimming Pool and Gymnasium will remain open as per their normal schedules throughout the month of December with the following exceptions:

Swimming Pool		
Dec. 22	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests
Dec. 23	"	"
Dec. 24	12:00-4:00 Emp./Family/Guests	
Dec. 25	Closed (Lab Holiday)	
Dec. 26	Closed (Lab Holiday)	
Dec. 29	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests
Dec. 30	"	"
Dec. 31	"	1:00-6:00 Emp./Family/Guests
Jan. 1	Closed (Lab Holiday)	
Jan. 2	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests

Recreation Building

Closed December 22 through January 1, except for scheduled Christmas parties.

Recreation Office

Closed December 24, 25, 26 and January 1.

Film Service Office

Closed December 25, 26 and January 1.

Classified Advertisements

Positions Available

LABORATORY JANITOR, LEADMAN (1) - Plant Eng. & Planning.

Application Deadline: December 16, 1969.

LABORATORY JANITOR (10) - Plant Eng. & Planning.
Application Deadline: December 18, 1969.

Employees interested in applying for above positions should inform their Supervisor and file a written request with the Employment Office.

Please note: New positions available will be listed once in the Brookhaven Bulletin and will not be repeated thereafter.

Autos & Auto Supplies

TRIUMPH ENG - For TR4-TR3, very good cond. Compl. \$75. S. Anderson, Ext. 2411.

63 FORD FAIRLANE STATION WAGON - 6 cyl, stick, very good cond. good gas mileage, well maintained, new tires. \$350. Ottewitte, Ext. 537.

64 TRIUMPH TR 4 - Real mags, like new Michelin radial w/w tires, new eng last year, body & top & everything else perf, all competition parts in eng. \$1400. S. Anderson, Ext. 2411.

WIRE WHEELS - For A-H, TR-4, TR-3, very good cond, w/splines. \$60. S. Anderson, Ext. 2411.

66 MUSTANG CONV - Red/white top, V8, console, bckts, wood grained int, excel cond. \$1475. C. Nielson, Ext. 7677, 325-0968.

61 FORD STATION WAGON - V8, std trans. r/h, 4 new tires, new batt, very good in every way. H. Rhodus, Ext. 2381-2, 924-3522 after 5:30.

60 RAMBLER CROSS COUNTRY STATION WAGON - Has rattles, will travel. \$100. Tom, Ext. 2195, GR5-7227 after 6.

2-15" 6 HOLE WHEELS - For GM 1/2 ton pickup truck. Ext. 2578.

62 MERCURY METEOR - 4 dr, dependable, good cond, snow tires. Ext. 7208.

66 PONTIAC - 2 dr htdp. std trans, best offer. Leroy, Ext. 560, 288-2962.

69 DODGE CORONET WAGON - Coronet 500 V8, auto trans, ps, radio-light pkg, very low mileage, like new. Seriani, Ext. 2465, 281-8133 after 6.

2 SNOW TIRES - 6.50x13, mounted. \$20. F. Rumph, Ext. 7581.

4 MUSTANG WIRE HUECAPS - Brand new. Mrs. C. Gottschalk, 281-8111.

2 MUSTANG SNOW TIRES - W/rim. Mrs. C. Gottschalk, 281-8111.

TIRE - 8.00-8.25x14, mounted on '63 Olds rim, w/w, tubeless, almost new. Ben, Ext. 2588.

69 CHEVY MALIBU - British racing green, 350 model, 17 mpg, 4 spd std, bench seat, low mileage. \$2800 firm. Q. Beitel, Ext. 2212, 472-1216.

60 CHEVROLET BELAIR - 4 dr, 6 cyl, good shape, bad eng, auto trans. \$30. Ext. 541.

2 BUICK WHEELS - 14". \$5/pr. PA7-5478.

68 PONTIAC EXECUTIVE - Ps/pb, r/h. Ext. 2375, 584-5216 after 6.

61 CHEVROLET 1/2 TON PICKUP - R/h. Ext. 2375, 584-5216 after 6.

59 FORD - 6 cyl, std trans, good reliable 2nd car. \$75. J. Bauernfeind. Ext. 2822/7287.

65 CHEVY II - Good cond, owner leaving country, must sell within 1 wk. \$350 or best offer. Ext. 501.

TIRE - Duplex, Goodyear super single 10-16.5, 6 ply. Klamut, Ext. 549.

66 COMET - 2 dr htdp, 6 cyl, std trans, red leather int, new clutch & valve job. 281-7039.

68 OLDS 442 - Excel cond. \$2100. Ext. 2265, AT9-8236 after 6.

65 CHEVROLET - 2 dr htdp, V8, std trans, ps, r/h, good running cond. \$850. G. Woodson, 727-5532.

68 OLDS TORONADO - Excel cond, has everything, 18,000 mi. Ernie, Ext. 2582, 281-6435 after 7.

65 PLYMOUTH STATION WAGON - Ps/pb, ac, radio, good cond. 567-2190.

66 RENAULT 8 - 4 dr, std (4) shift, 30-35 mpg, must sell, owner left country. Ext. 423/7601.

61 INTERNATIONAL PICKUP TRUCK - V8, good cond. \$500. Gene, 929-4487.

55 INTERNATIONAL PICKUP TRUCK - 1/2 ton, needs some work. \$225. 473-0178 eves.

STUDDER SNOW TIRES - 7.75x14, w/rims, excel cond. D. Radjeski, Ext. 359, 929-6468 eves.

66 FORD GALAXIE 500 - V8, 4 dr, auto trans, ps, r/h, burgundy/blk, excel cond, transferable 1/5/70, owner leaving. \$1250. Ext. 7792/532 after 6.

TIRE CHAINS - Go in snow, size 7.10x15 to 8.00x14, fits 8.25x14, spreaders incl. \$5. Petruk, Ext. 2142.

63 VW - Runs well, many miles, slightly shabby body. \$450. Walter, Ext. 2484, 751-1209.

60 CHEVY 1/2 TON PICKUP - Recently overhauled, in excel cond. \$400. 727-3031.

68 CHEVELLE SS 396 CONV - 4 spd, posi rear. \$1700. Frank, Ext. 565.

Boats & Marine Supplies

17' FIBERGLASS BOAT 1967 - '68-85 hp Evinrude, '67 Holsclaw trailer (1275B), compl setup w/all access. \$1900. Joe, 585-6861.

STAR #1233 - W/2 sets of sails. \$200. Ext. 2981.

NAVY TOP - Brand new, for 16' boat. Cost \$38, sell \$25. H. Ach, Ext. 2411, 929-8187.

16' THOMPSON 1958 - Fiberglassed bottom, windshield, needs paint. \$50. H. Ach, Ext. 2411, 929-8187.

HADLEY "TITAN" - Boat whistle power cartridge #731, nearly full charge. G. Trigg, Ext. 2341.

MARINE ENGINE - 225 Flagship, f/w cooled, 2:1 reduction, runs, needs work. \$250. Ext. 2338.

10' ALL PLYWOOD BOAT - Very light wgt, excel car top boat. \$40. Ext. 597, AT6-0436.

SAILBOAT - Blue Jay, spinnaker, 2 suits of sails, excel cond. \$450. 286-1152 after 6.

15' "OLD TOWN" RUNABOUT - '65 elec start Evinrude 33 hp. Asking \$450. 286-0785 after 5.

BEEBLE CAT SAILBOAT - 2 sets sails, needs work. Make offer. 286-0785 after 5.

5 HP EVINRUDE MOTOR - W/tank, good running cond. \$25. H. Ach, Ext. 2411, 929-8187.

MFG WESTFIELD REGAL 16' - Fiberglass, navy top & acces, Evinrude 40 hp elec start & shift motor, Tee Nee tilt trailer w/12" tires, all '67 model & in excel cond. PA7-0364.

Miscellaneous

.22 CAL RIFLE - Sem-auto, \$20; Winchester model 1894, orig, approx 68 yrs old, excel cond, collector's item, \$200. Joe, 585-6861.

24" MOTOROLA TV - Picture good, b&w. \$75. Ext. 422.

GERMAN SHEPHERD PUPPIES - Louis, 722-4707 after 6.

PRE AMP & AMP STEREO COMBO - 7 1/2 watts per ch, \$20; men's ski boots, size 8, \$15; Polaroid camera (b&w), \$15. Joe, 585-6861.

ELEC MOTOR - 1/2 hp Packard, free, must be removed from old dishwasher. J. Olson, 289-1463.

SKIS - 1 pr 3 yr old Head 360, 200 cm, 1 pr 5 yr old Head Standard, 205 cm. 289-3034.

GE ELEC BLANKET - Brand new, still in box, dbl bed, 1 control. Ext. 351, HR3-0178.

FISH TANK - 30 gal, w/stand & acces. F. Chandler, Ext. 2231.

3 TICKETS - To Nutcracker Ballet, NY State Theatre, Sat 12/21, 1:15 p.m. P. Craig, Ext. 427/396.

GIRL'S WINTER COAT - Size 10, never worn, red, 100% wool w/fur collar, too small for owner. Orig price \$24, sell \$12. John, Ext. 2149/307.

FAMILY CHRISTMAS - Tray hand var, A-1, \$6; A-1 10 gal aquarium, fully equipped, \$8; 20 vols '58 Colliers Encyclopedia, w/yrbks thru '64, \$35. AT6-0868.

16 VOLS - '58 Our Wonderful World Encyclopedia yr bks, \$25; 16 vols "The Children's Hour," incl many classics, plus science, sports, myths & legends, \$10. AT6-0868.

AKC ST BERNARD PUPPIES - Choice of several excellently marked males/females, will be ready before Christmas. From \$150. Ext. 418.

TUTORING - Spanish language & lit, all levels, grad student w/college teaching experience. 751-9717.

HI-FI CONSOLE - Early Am, by GE, am-fm radio & phono. Cost \$385, asking \$250. John, Ext. 7216.

ST BERNARD PUPS - AKC, Champion bloodlines, fat little balls of fur that will be ready for Christmas. 732-3422 after 5:30.

SILVER FOX JACKET - Like new. Sacrifice, \$200. GR5-2409.

FISH TANK - 30 gal, w/stand & acces. F. Chandler, Ext. 2231.

12" PORTABLE TV & STAND - 21" TV console, both working cond, best offers. Ext. 7208.

ROLLER RINK SKATES - Woman's size 6 1/2; ice skates, woman's size 6 1/2; 2-12" Jansen speakers, new, never used. Ext. 7208.

AURORA MODEL MOTORING LAYOUT - HO scale, good Christmas gift, many extras, 7 race cars, orig pkg. New \$69, sell \$35. Ext. 7386.

WEBCOR TAPE RECORDER - Model 2300, good cond. New \$62, sell \$23. Ext. 7386.

ICE SKATES - Girl's size 4, white. \$2. Pfister, Ext. 2934.

GENTLE PONY - Intelligent, western saddle, blanket, bridle halter. \$125. Ext. 2805, 732-5445.

PUPPIES - Just in time for Christmas! Mother pure bred Shepherd, father Labrador Retriever, 9 ea. Dick, Ext. 601.

REFLECTOR TELESCOPE - 3" 160x Barlow lens & extra eyepiece, new cond. Asking \$25. Ext. 2165.

BLOND MINK SCALLOPED STOLE - Man made, hand finished, an original: worn only once, make an excel Christmas gift, best offer. Ext. 2702.

SKI BOOTS - Ladies size 5A, Henke buckle, like new, suitable for child. \$15. T.W. Morris, Ext. 7739, 744-5096.

ELEC GUITAR - Saturn, like new, & amplifier old. Mrs. C. Gottschalk, 281-8111.

CHRISTMAS TREE - Alum 7', w/revolving musical stand & multicolored revolving spot light, used once. Ben, Ext. 2588.

1 PR HO SWITCHES - 27 pcs used track, 12 pcs new track, all for \$6; 68 antique records, 25¢ ea. F. Rumph Ext. 7581.

SKI PARKA - Ladies size lg, yellow nylon. Cost \$17, never worn \$12. T. Morris, Ext. 7739, 744-5096.

SKI BINDINGS - Look-Neveda, release toe & heel units. \$4. T. Morris, Ext. 7739, 744-5096.

4 WOODEN STORM SASH - & 4 wooden screens, 20" x32"; home made (by HEEP?), audio amplifier, unknown pwr. G. Trigg, Ext. 2341.

CHILD'S SKI BOOTS - Zenith, 4 buckle, like new, size 13, \$6; Girl Scout uniform & tie, size 8, \$3.50. 475-2984.

BEAUTIFUL VIOLIN - Excel tone, built by C. Heckel, instrument has been constantly played by owner. Perlman, HR2-1174.

COLOR ANTENNAS BY CHANNEL MASTER - All sizes, I bought too many at one time, very reasonable. Ole, Ext. 2585, 473-9285.

TABLES - 2 end & 1 coffee, mahog, leather tops. \$15 for all 3. F. J. Keute, Ext. 2580, GR5-2287.

INSPECTION MAGNIFIER - Fluorescent illumination, fully adjustable on heavy stand, Ullman C-Master, Mod 210. \$20. Ext. 597, AT6-0436.

SKIL PNEUMATIC SANDER - 7" disc, mod 1037, 3800 rpm, excel cond. \$25. Ext. 597, AT6-0436.

DEVELOPMENT & PRINTING KIT - Semi-Pro, bk of instructions. Was \$15, sell \$8. J.L. Bateman, Ext. 2898.

SLIDE PROJECTOR - Argus 300, F3.3, 4" lens, non-remote, tray type. \$25. G. Raynor, Ext. 454, PA7-5194.

KNISSEN OUTDOOR TRAMPOLINE - Frame approx 9'x15', jumping bed approx 6'x12'. Orig cost \$375, asking \$50. J. Weiss, Ext. 2472.

SECTIONAL - 4 pc, apt size, \$15 ea; maple coffee table, maple corner table; coppertone wall oven. Ext. 586, GR5-7372.

ELEC GUITAR - Adjustable dual pickup, tremolo bar, fully adjustable bridge, lead & base switches, tone control, as new, tested only, w/case. \$48. AT6-0295.

ELECTRONIC RADIO SHACK PROJECT KIT - No 201 w/instruction bk. Was \$20, sell \$13. Bateman, Ext. 2898.

BOOKS - Dr. Seuss & other beginner's bks, flash cards & some educational toys for preschoolers. AT6-8814.

RAMSEY WINCH - Model 400L, drive train & transfer case, front ext bumper, 1 yr old. Orig cost \$640, sell \$350 firm. Ext. 7192, 751-1660.

TRICYCLE - Used only a few mos, like new, owner leaving country. \$10, Ext. 501.

BABY ITEMS - High chair, stroller, crib (mattress needed); owner leaving country. All \$15. Ext. 501.

1 CHILD'S ROCKER - \$7; 2 lawn chairs, \$7; rugs, 1 golden yellow 10'x15', 1 olive green 6'x9'. Ext. 508.

PORTABLE RECORD PLAYER - Blue, white case, Westinghouse, 4 spd "BSR" changer, 45 spindle insert, excel cond. \$30. Paul, Ext. 2968.

CROSSMAN M1 CARBINE BB AIR RIFLE - Good cond. \$10. Russ, JU1-1224 after 6.

3 PC DANISH SECTIONAL - 9'x8', good cond, have pix. \$65. Ext. 7686/7525.

OIL SPACE HEATER - 28,000 BTU, kerosene or fuel oil, vent & level control. B. Noe, 878-0979.

SUEDE COAT - W/mink collar, lt beige, size 9, worn twice, best offer. M. Weinmann, Ext. 2702.

LIV RM SET - 7 pc mod Danish, only 6 mos old. Ext. 502.

HOCKEY SKATES - Size 7, excel cond. \$4. D. Christman. Ext. 7731.

PIANO - Baldwin Acrosonic console w/bench, perf cond. \$450. AT6-1253 eves.

2 RM DIVIDERS - Screen type, amber colored plastic w/walnut frames, approx 3" wide, adjustable hgt. \$10 ea. R.Hoyte, Ext. 7266.

PROOF SETS 1969-S - \$7.25 ea. Jim, Ext. 2520.

ELEC FOOTBALL GAME - Excel cond, extra footballs, 2 full teams, auto game timer. Was \$10, now \$8. Mike, 473-2879.

TURN ON - Your dayglo posters with a 40" blk light (ultra-violet) & fixture, almost new. \$20. Andy, 286-0428 eves.

PORTABLE TRIPOD - \$12; photographic print trimmer, \$3.50. K. Fuchel, Ext. 2446.

AQUAMARINE FIBERGLASS - 56" wide, rubber backed, fire-water-rot-mildew-proof. \$1/yd on bolt. AT6-0436.

SKI BOOTS - Arlberg, buckle, dbl boot, used 1 season, size 10M, not broken in, excel cond. \$25. Bill, Ext. 7693.

PLAY A GENEROUS SANTA - Rhinestone necklace, bracelet & earrings - classic. Appraised at \$90, sell \$30 firm. Dot, Ext. 7440, AT6-0247 after 7.

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

2 ACRES - 500' off Jericho Tpke on Wilson Ave, Gordon Heights. \$6000. 732-3443.

BLUE POINT - 3 bedrm ranch, liv rm, din rm, sun porch, fireplace, built-in bookcases, expansion attic, fenced patio, 160x150 wooded plot. \$28,000. By appointment only, 472-2372 after 5.

PROPERTY - Hamlet of Brookhaven, 1/2 acre close to water. R. Meyer, Ext. 2428, LT9-5757.

For Rent

FURN HOUSE - 4 bedrms, in E Patchogue near Great South Bay, avail for occupancy Feb thru July '70. Ext. 2729, 475-1372.

Wanted

STUDENTS - Who wish to study piano, accordion or organ, beginners or advanced, my home or yours. Don, 281-8044 after 5.

CUB SCOUT UNIFORM - Size 10. 929-8129 after 5.

CHILD'S SKIS & SKI BOOTS - Size 2. P. Craig, Ext. 7396/427.

ATTACHMENTS - For Wheel Horse tractor, snow plow, etc. R. Massard, Ext. 7534, 744-5018.

CLEANING WOMAN - 1 day/wk, reliable & trustworthy, own transportation, for working couple w/1 midteen youngster. GR5-8658 after 6.

APT - Unfurn, 3 1/2 rms, Smithtown-Lake Ronkonkoma-Centereach area. B. Brezisky, Ext. 7241.

BABYSITTING JOBS - Reliable woman will care for your children, preferably my home, E. Patchogue, 475-2145.

1 CORD OF HARDWOOD (OAK) - For fireplace, 24"-30" long, delivered. GR5-8658 after 6.

SPANISH TUTOR - Patchogue to Eastport area, after 3 p.m. 325-0239.

BABYSITTING JOBS - High school girl avail to babysit eves in Bellport, E. Patchogue & Patchogue area. Janet, 286-0906.

DRILL PRESS - Heavy duty, bench or floor model. Klamut, Ext. 549.

CHILD'S SPRING RIDING HORSE - Good cond, reasonable. 286-1097.

BABYSITTING - Capable 15 yr old will babysit eves & Sat's in E. Moriches-Center Moriches area. Cathy, 878-0979.

HOME - For founding dog, extremely friendly & gentle, sm male, has shots. V. May, Ext. 2449.

1 SMALL DOGHOUSE - Susan, Ext. 670.

55 GAL AQUARIUM - W/dbl hood & stand. Bill, Ext. 7677, 589-7487 after 6.

HOME - For playful 4 mo old female kitten. Mrs. Beck, 924-6910.

CAKES TO BAKE & DECORATE - Only finest ingredients used, beautiful sugar flowers & other designs. Amelita, Ext. 7717.

AUTO ELEC PERCOLATOR - 8-10 cup, not more than \$10. C.F. Hull, 744-5969.

Carpools

RIDER DESIRED - For carpool from Massapequa & Wantagh & vicinity. Ext. 2942.

FORMING CARPOOL - From Exit 57 LI Expwy. Bill, Ext. 2153.

DRIVER WANTED - Compl existing carpool from Exit 52 (or further West) on LI Expwy. Elliot, Ext. 2103.

Lost & Found

LOST - Laundry, yellow carton taken from apt area laundry, Thurs 12/4 afternoon, contained men's & ladies' underwear, clothing needed. W. Lyman, 281-6550.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

<input type="checkbox"/> For Sale: Auto & Auto Supplies	<input type="checkbox"/> Wanted	Check <input type="checkbox"/> the heading applying to your ad. Print or type your ad in 20 words or less.
<input type="checkbox"/> For Sale: Boats & Marine Supplies	<input type="checkbox"/> Carpools	
<input type="checkbox"/> For Sale: Miscellaneous	<input type="checkbox"/> Lost & Found	

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40