

# BULLETIN BOARD

Volume 21, Number 50

Published by the BNL Public Relations Office

December 21, 1967

Merry Christmas . . . Buon Natale . . . Joyeux Noel . . . Felices Pascuas . . . Frohliche  
Weinachten . . . God Jul . . . Feliz Natal . . . Glaedelig Jul . . . Vrolijk Kerstfeest . . . Gelukkige  
Kersmis . . . and A Happy New Year.

12-429-67



Dorothy German (foreground) and Helen Cooke (on ladder) decorate the twelve-foot tree in the lobby of the Instrumentation and Health Physics Building. This is the third year that a traditional Christmas tree has been erected in this lobby. Christmas displays in other departments and divisions at the Lab range from table-size artificial trees to the large living tree outside of the Brookhaven Center.

Photo by Humphrey

The Editorial Staff of the *Bulletin Board*, and the Public Relations Department wish to convey the Seasons Greetings to all *Bulletin Board* readers, and wish them a Merry Christmas and a happy and prosperous New Year.

## G. Norris Glasoe To Retire

Dr. G. Norris Glasoe will retire as Assistant Director for Technical Services on December 31. Also retiring are Lillias L. White and Kenneth C. Packer of the Medical Department. See page 2 for story and pictures.

## Radioactive Wastes Contained In Glass In Successful Test

### Battelle Laboratory Completes Engineering-Scale Production

The first engineering-scale solidification of highly radioactive liquid wastes has been achieved at Battelle-Northwest Laboratory using the phosphate glass process developed at Brookhaven National Laboratory. The production of an eight-foot long cylinder one foot in diameter of phosphate glass was the culmination of five years of work by a team of Brookhaven National Laboratory engineers and technicians.

The problem of disposing of large quantities of radioactive liquid waste is intensifying with the increase in the use of nuclear reactors for power production. The 75 million gallons of such waste that have already accumulated are creating problems that will only increase with time. Waste must be stored for hundreds of years before it is "safe."

Tank storage brings with it the problems of tank maintenance and replacement. There must be provision for dissipation of considerable heat. Solid disposal is a good approach because it can make such wastes easier to handle and also reduce their volume.

At the time that the glass process was originally conceived, several methods of disposal of high-level liquid wastes were being considered at BNL. The first experiments on glass formation were done in Building 197 on a small scale. Glass was solidified by dropping it into a container of water, much the same as a housewife drops a candy sample into water to see if it is cooked to the right consistency. The glass first produced was in the form of beads, that could be easily handled and analyzed. Later slugs of glass, the size of a pencil were made and then the glass was cast in one-gallon paint cans to form larger slugs.

The aim of the BNL team was to convert liquid wastes to a solid form of reduced volume that could be handled and stored more easily than by the present tank methods. By adding phosphoric acid to the waste solution, a glass could be produced that would contain the radioactive elements in a form that would prevent any possibility of leakage.

As experimental work progressed, a pilot plant was built in the new NED building on Rutherford Drive, and many of the early techniques were refined. For a crucible for melting the glass, platinum was decided to be the best material. It took about a year to get the loan of \$35,000 worth of platinum from the AEC Platinum Pool, and build the crucible.

After the pilot plant had operated for two years, it was decided by the AEC to build a full-scale prototype plant at Battelle-Northwest and work with the radioactive wastes that had only been simulated at BNL. Two other types of disposal systems were also to be tested on an engineering scale. Spray solidification had been developed at Battelle, and Pot Calcination, developed at Oak Ridge.

A gigantic hot cell was built at Battelle for the demonstration. Each of the processes was given a test with no radioactive  
(continued on page 3)

## Retires as Assistant Director



### Dr. Norris Glasoe Accepts Appointment In Physics Department

Since 1962, Dr. G. Norris Glasoe has served as Assistant Director for Technical Services for Brookhaven National Laboratory. On December 31, he will retire from this position and take up a post-retirement position in the Physics Department working with Dr. Harvey Wegner on the Tandem Van de Graaff project.

Dr. Glasoe was born in Northfield, Minnesota, where he received his BA from St. Olaf College. He received his doctorate in physics from the University of Wisconsin and taught there and at Columbia University prior to World War II. While instructing in Columbia's Physics Department, Dr. Glasoe worked with Dr. John R. Dunning to build Columbia's first cyclotron in 1938. A year after this accelerator was put into operation, it was one of the first to be used in the United States in connection with studies of uranium fission. This device has been dismantled and shipped to the Smithsonian Institution, where it is displayed with such things as the Wright Brothers' first plane and John Glenn's space capsule.

During World War II, Dr. Glasoe was an associate group leader at MIT's Radiation Laboratory, doing experimental radar work on pulsers for air-borne radar. When the Radiation Lab was disbanded, he was Co-Editor and author of a Radiation Lab Series publication on Pulse Generators.

Dr. G. Norris Glasoe at the Tandem Van de Graaff project in a recent photo taken while one of the two 140-ton tanks were being moved into position. Photo by Rosen

After the war years he joined the Physics Department at Rensselaer Polytechnic Institute in Troy, New York. In 1951 Dr. Glasoe came to BNL and worked with Dr. George Collins on the project for the BNL 18" cyclotron, in the Accelerator Department. The following year he joined the staff of the Physics Department as Associate Chairman and continued with the cyclotron project, until the start of the Tandem Van de Graaff project in 1961.

In 1962, Dr. Glasoe was appointed an Assistant Director with primary responsibilities in the areas of technical services. In addition to supervision of the Shops Division and the Photography and Graphic Arts Division, Dr. Glasoe has been involved with the construction of the Lecture Hall-Cafeteria and the Tandem Van de Graaff as the Brookhaven representative to the AEC.

When Dr. Glasoe retires as Assistant Director he will move to an office in the Physics Department where he will take up a post-retirement appointment to work with Dr. Harvey Wegner on the Tandem Van de Graaff project. As the \$12 million project moves towards completion in 1970, the group will concentrate on equipment to be installed in the new building. The Lecture Hall-Cafeteria project is scheduled to be completed in the spring of 1968.

Dr. Glasoe and his wife live in Bellport. They have one son and three granddaughters.

## Two From Medical Department Retire



Mrs. Lilius L. White will take off her nurse's cap on December 29 and retire from the Medical Department of BNL. A registered nurse, she has worked for ten years with the patients at the Research Hospital, an extension of the doctors' hands as all good nurses are. She's leaving the finest place to work, Mrs. White said, and it will be hard to walk out the door. But she is leaving to catch up on all the things she has wanted to do and never had the time for before.

Mrs. White will continue to live at her home on Pine Court in Riverhead.



"I wish I had another life to give Brookhaven" was the way retiring Kenneth C. Packer put it. A Veterinary Services Supervisor, Packer leaves the Medical Department on December 29 after 11 years of service at the Laboratory. "I wish I had come to Brookhaven sooner; I've met so many wonderful people."

When asked about his plans for the future, Packer said he had "irons in the fire," but his most immediate plans were for a New Year's Eve party and a good rest. Sometime later on in January he would begin to think about the future.

Mr. Packer and his wife will continue to reside at Woodlot Road in Ridge.

## BULLETIN BOARD

Published Weekly for the Employees of  
Brookhaven National Laboratory

CARL R. THIEN, *Editor*  
DOLORES DEL CASTILLO, *Editorial Assistant*  
JUDY KALTSCHMIDT, *Copy Preparation*  
40 Brookhaven Ave. Upton, N.Y. 11973  
Telephone 516 924-6262 Ext. 7238

NORBERT J. DERNBACH  
*Public Relations Officer*

## Arrivals & Departures

### Departures

Rita J. Cuff.....Physics  
David J. Chapman.....Biology  
Karen E. Hoch.....Personnel  
Marion G. McGovern.....Information  
John P. Stohr.....Instr. & H.P.

## Here and There

Dolores del Castillo

The Woodland-Water Working Group will meet at BNL, December 28-29, under the chairmanship of George Woodwell (Biology). Part of the International Biological Program, this group is interested in the growth of vegetation and the cycling of nutrient elements on land and sea. Approximately 30 participants are expected.

On December 15, Dr. V.P. Bond chaired a meeting of the Board of Directors of the National Council on Radiation Protection and Measurements, held in Washington, D.C.

Theodore Tsatsas, Vice President of the Greek AEC, visited the Laboratory on December 15 for a general orientation tour.

The December issue of Scientific Research should be of special interest to BNL. An interview by Harold Davis, an editor of the magazine with Maurice Goldhaber, Director of the Laboratory, will be one of the features.

The BNL Caroling Group, under the direction of Alf Christoffersen (Photo) and accompanied by William Higinbotham on the accordion, will entertain the patients of the Medical Research Hospital today, December 21.

Norbert J. Dornbach (PR) attended a symposium sponsored by the National Radio Astronomy Observatory and the Arcibo Ionospheric Observatory held in Charlottesville, Virginia, December 8 through 11.

## No Shoes Today

Safety shoes will not be issued today, December 21. The Personal Protective Room in Bldg. 535 will be open at the designated time for the issuance of safety glasses.

## 1968 BNL Holidays

Monday	January 1
Thursday	February 22
Friday	February 23
Thursday	May 30
Thursday	July 4
Friday	July 5
Monday	September 2
Thursday	November 28
Friday	November 29
Tuesday	December 24
Wednesday	December 25

New Year's Day  
Washington's Birthday  
Extra holiday for 1968  
Memorial Day  
Independence Day  
Extra holiday for 1968  
Labor Day  
Thanksgiving Day  
Fixed Holiday  
½ holiday before Christmas  
Christmas Day

## Fresh Cut Trees OK When Handled Right Says Fire Marshall

Freshly cut Christmas trees, when properly watered, maintain a high moisture content and are not the fire hazard many persons mistakenly believe. In fact, it can be shown that a well-watered tree can be difficult to ignite even with sheets of burning newspaper.

Unfortunately many trees have been cut long before they are sold. Some of these trees may be dehydrated to the point that even with the best care they will never recover sufficient moisture to make them slow burning. When ignited they generate a great volume of heat and fire and the nature of their burning is so sudden, that they are a serious cause of death in holiday fires.

The BNL Fire Marshall reports that a few simple precautions will reduce the possibility of a tragic fire.

For a natural tree (fir, spruce, pine), pick a fresh-looking, firm needled tree, no bigger than you need. Saw off the butt at an angle an inch or more above the original cut and stand the tree in water until it is brought into the house. While in the house, the tree should be firmly supported and given an ample water supply. (A recent study reports that a 7' scotch pine, properly set up and cared for, consumed more than 7 quarts of water in 14 days.) The tree should be placed in a spot where it does not block the path of exit from the room. Keep the tree away from radiators, stoves and fireplaces.

Don't rely upon self-applied chemical coatings to flameproof a tree; none is completely effective. In some cases these coatings may give a tree the appearance of freshness, when in fact the tree is very dry. The so-called "automatic extinguishers" hung on or above the tree are not of proven effectiveness and the chemicals they contain may even create additional hazards.

Carefully examine and replace light sets showing signs of wear. Lighting sets should carry the label of Underwriters' Laboratories, Inc.

Turn off tree lights during sleeping hours or when away from home. Always check for needle browning around each bulb. If this condition exists, change the location of the bulbs.

Use only those decorations you know are noncombustible or "flameproofed." Cotton, paper or other fast burning materials should not be used on or around the tree.

Dispose of the tree immediately after the holiday, or when the needles start falling.

Artificial trees need care in selection and handling, too. Plastic and metalized plastic trees can burn; use the type clearly marked as made of slow-burning materials. Those with built-in electrical systems should carry the Underwriters' Laboratories (UL) label. Metal trees are not a fire hazard but may be a shock hazard. Use only indirect lighting with them.

## Bankers Hours

The Peoples National Bank on site will be open on December 22 from 8 a.m. until 12:30 p.m.

The bank will be open regular hours all other days except legal holidays.

## BNL Holiday Card . . .

"Season's Greetings" or "Merry Christmas, Happy New Year" cards are still available at the Film Service Office, 3 Center Street, Ext. 7221. This card depicts the Reactor at night after a heavy snow and is priced at 25¢ each with discounts on quantity purchases. Get yours now.

## BERA Film Series

Thurs., Dec. 21 - 8:00 p.m. - Lecture Hall

### Kanchenjunga

Kanchenjunga, one of the high peaks of the Himalayas, overlooks Darjeeling, the beautiful setting for Satyajit Ray's first color film. A rich Bengali family from Calcutta on the last day of its vacation is set upon by the tergiversation of the old traditional Indian society by two daughters of a timid woman and her tyrannical, authoritarian husband: In one dramatic afternoon the older daughter admits deceiving her husband (her father's choice); the younger daughter rejects her father's choice of an ideal suitor, a rich, vulgar engineer, for a shy, sensitive, poor, poetic youth, who is trying to get a job from her father! The daughters leave their father bewildered and deflated by their abandonment of his society.

**Short: Boyngg!**

An amusing French cartoon uses geometric shapes to illustrate the universality of human reactions in the aftermath of a two-car collision. The sequence follows from the drivers (colored circles) who start to argue, to a crowd which gathers, and argues, to an ambulance which carries away the wrong person (a witness who has fainted), etc. Something like *The Line and The Dot*. —V.M. Levis

**Movie Tonight: The Roots**

## Investment Lectures

A number of requests have been received by BERA to arrange a series of investment lectures similar to those presented last May. If enough interest is indicated, arrangements will be made with Bache and Company, a member of the New York Stock Exchange, to conduct lectures dealing with personal investments.

Tentative BERA plans are to have 4 evening sessions, each for two hours. The first session would cover terminology, inflation, money management, and types of investments. The second session would be on the history and workings of the New York Stock Exchange, how to open an account, types of orders and commission charges, and how to benefit from financial news. The session on the third evening would be on trusts, mutual funds, retirement plans, and how to accumulate \$100,000. How analysts select investment opportunities and market training techniques would be the subjects of the final session.

The lectures would be conducted by Mr. Carl Lanzisera and would be held on January 16, 23, 30 and February 6, 8:00 to 10:00 p.m. at the Lecture Hall.

If you are interested in attending such lecture series, call the Recreation Office Ext. 2808, for further information.

## Cafeteria - Center Holiday Schedule

The Brookhaven Center will be closed for the Christmas holidays, Friday, December 22, through Tuesday, December 26. It will reopen for lunch on Wednesday, December 27, and will close again on Friday, December 29. It will reopen for lunch on Tuesday, January 2.

The Cafeteria will close at 1:30 p.m. on Friday, December 22, and reopen on Wednesday, December 27. It will be closed on Monday, January 1.

The Snack Bar will be open from 9 a.m. to 2 p.m. on December 23, 26, 30, 31, and January 1. Only the vending machine service in the East Room will be available on December 24 and 25.

## Frank DeRosa Takes LI Judo Laurels



Before an audience of 1300 people at the New York State Agricultural and Technical College at Farmingdale, Frank DeRosa of Supply and Materiel won the Long Island Judo Championship.

DeRosa, who is a member of the BERA Judo Club, competed in the open weight division for seniors. Eighteen teams were entered in the tournament that was hosted by the Farmingdale Judo Club. Trophies were awarded to the winners in each of the 23 classes of competition. The 200 contestants who competed in the finals ranged from eight-year olds weighing less than 76 pounds to seniors of over 205 pounds.

## Basketball . . .

The Brookhaven Slo-Break Basketball Leagues opened their season last Thursday night with 8 of the 10 teams seeing action. In the Associated League, last year's winners, Applied Math, looked good in downing Physics 45-30. Alan Saltzman had 13 points for the winners, while John Capute of Physics led all scorers with 14 points. The Knacks outlasted five weary Oldtimers 32-28 in the other Associated League game. Carl Klamut hit for 16 points for the Oldtimers while Gary Skarka had 11 for the Knacks.

In the Universities League, Biology overcame a strong 17 point effort by Sam Miller to down Medical 39-25. Nick Combatti had 15 points for Biology. The other game saw Eddie Taylor score 15 points to lead the Highballs over the Dirty Sox 34-21. Ed Gill had 5 points for the losers.

—George Latham

## BLAST-Off Saturday

An RSVP will not be necessary to the invitation to the pre-Yuletide Rally extended last week. On Saturday, December 16, come with a car, a flashlight, a friend, and money. Registration will start at 7 p.m. at the Oakdale Lanes/Movie parking lot in Oakdale. Trophies will be awarded at the finish. Entry fee is \$3 for BNLers and \$4 for all others.

## Recreation Facilities Holiday Schedules

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 - Closed - December 22 & 26

Recreation Building - Closed - December 25, 26, 27, 28

## Safety Shoe Issue

On Monday, December 18, and on Thursday, December 21, the Personal Protective Equipment Room in Building 535 will not be open for the issuance of safety shoes.

## Alien Address Registration

During January of each year, every alien in the United States must report his address to the Commissioner of the Immigration and Naturalization Service. Alien address report forms are available at the U.S. Post Office, 2 Center Street, Upton.

## Classified Advertisements

### Autos & Auto Supplies

2 SNOW TIRES - 7.75x14, Goodyear Suburbanites on black rims, slightly used. Ernie, Ext. 2108, 2305.

61 FALCON - 4 dr, std trans, good tires, body good, excel 2nd car. \$135 firm. Jerry, Ext. 7187.

64 VW - 36,000 mi, excel cond. \$900. John, Ext. 7478.

65 VW - 48,000 mi, new tires & brakes. Reasonable. M. McAllister, SE2-9168.

SWAP - 2 Ford wheels, one 14", one 13", for 1 Chevrolet 14" wheel. Bob, Ext. 7189.

59 FORD FAIRLAINE - 2 dr, r/h, auto trans, rebuilt engine, new tires, good appearance, runs well. \$225. Leake, Ext. 7274, 286-1276.

63 PONTIAC - Fully equipped, low mileage, excel shape, good buy. Frank, Ext. 7239.

WHEELS - 6.50x13, 2 w/old tires. \$4. Swatton, Ext. 7642.

61 COMET - Custom Wagon; & 65 Yamaha motorcycle. \$395 takes all. HR3-4994 after 5:30.

56 CHEVROLET - 6 cyl, rebuilt engine, 3000 mi on engine, no rot, needs paint. \$200 firm. GR5-3156.

2 RACING SLICKS - 8.50x14. Best offer. B. Edwards, 289-3894.

SNOW CHAINS - Reinforced heavy duty, for 6.40 x13 & 6.50x13, new, never used. Were \$10, will sell for \$7.50. Brunhart, Ext. 541.

67 IMPALA STATION WAGON - 9 passenger, 1000 mi, r/h, luggage top rack. Must sell, \$3500. 281-5062, 281-7765 evenings.

65 PONTIAC - 4 dr hdtip, power & air, excel shape, low mileage. F. Abbatiello, HR3-4612 after 6 p.m.

62 CHEVROLET - Impala Conv, 6 cyl, 3 spd, Hurst floor shift, r/h, new clutch, new exhaust system, good cond. \$700. Tom, Ext. 7201.

66 NSU "1000" GERMAN SPORT SEDAN - Red, like new, low mileage, 32 mpg, orig owner. Reasonable. 724-3035.

65 CHEVROLET WAGON - Ps/pb, air conditioning, r/h. 751-2890.

54 CHEVROLET - Good for parts, runs but needs work. \$15. Bob, Ext. 2167.

61 TRIUMPH - Red w/black top & interior, needs work. \$250. Ext. 2361.

63 PONTIAC CONVERTIBLE - Blue w/white top, ps/pb, r/h, new tires, carefully maintained, one owner. Al, Ext. 2152, 475-0549.

66 CHEVELLE SS 396 - 8 cyl, 4 spd trans, r/h, red line tires, mag wheel covers, bucket seats w/headrests, excel cond. W. Jahng, Ext. 456, 281-9298.

60 TR-3 - Compl overhauled engine, TR-4 trans, body rusty, brakes need work. \$250. D. Michael, Ext. 7615, 751-8776.

2 TIRES - 6.50x13, black wall, nylon, 2 ply. \$15. GR5-7654.

2 WHITEWALL SNOW TIRES - 7.35x14, mounted on rims for Ford or Mercury, used 3 days. \$45. D. Lane, Ext. 2416, 329-5423.

63 VW MODEL 1500 - White sedan, 52,000 mi, carefully maintained, nearly \$200 extras, excel cond. \$880. Ext. 7612, HR3-7951.

PIRELLI TIRES - 3 used Cinturato w/tube, size 1.65 x14, about 3/8" tread left, \$7 each; Autolite 12V battery, size 22F, 1 1/2 yrs old, \$3. Ext. 7612, HR3-7951.

64 VW - Square back, low mileage, green, excel cond. \$995. M. Hansen, Ext. 2389.

62 MERCURY METEOR - Auto trans, power steering, radio, snow tires on. 286-1218.

2 SNOW TIRES - 5.20x13(1.35x13), new Goodyear Suburbanites on white rims. Mike, Ext. 7174, Ext. 2420.

### Boats & Marine Supplies

"SUNFISH" SAILBOAT - Fiberglass, never used, still in shipping carton, the ideal Christmas gift. L. Decker, Ext. 2431.

30' SEDAN CRUISER - Will trade for 13'-16' house trailer. Redmond, Ext. 7171.

21' FINLANDER SKIFF - W/shelter cabin, Monel gas tank, head, full canvas, winter cover, many more extras. \$1500. Ext. 7166.

55 CHRIS CRAFT 30' - Twin 150 Interceptor, fb, df, ss, sleeps 4. \$3500. LT9-5649 after 6 p.m.

14' STARCRAFT - 1 season old, 9 1/2 HP Evinrude, aluminum, Teenee trailer, boat has compl equipment. \$600. JU4-7117.

### Miscellaneous

FIGURE SKATES - Girls, good cond, insulated, size 5. \$3. JU8-0154.

66 SEARS MOTORCYCLE - Good cond, 4500 mi. Guy, Ext. 7517, 581-3942 after 5.

DOUBLE FRAMED GLASS SLIDING DOORS - Aluminum, as good as new. Best offer. Guy, Ext. 7517, 581-3942 after 5.

VICTORIAN STYLE DRESSER - Dressing table & bench, \$50; student's kneehole desk w/chair, \$25; secretary bookcase, \$15. Ruth, Ext. 342.

DISHWASHER - Sears best undercounter model, used only 4 yrs, excel cond. Asking \$35. Schoener, Ext. 2295, 878-1584.

ELECTRO FLASH - 110 VAC or battery, Ultrablitz Expert II, heavy duty. \$25. Ext. 597, AT6-0436.

BOLEX - 8 mm movie, twin turret, wide angle, standard, telephoto lenses, guaranteed like new. \$95. Ext. 597, AT6-0436.

WASHER - Wards Signature, 16 lb, 6 cycle, 2 spd, variable water level, bleach dispenser, used 1 yr, copper tone. \$180. R. Kinsey, Ext. 7700.

ELECTRIC GUITAR & AMPLIFIER - Good Christmas gift. \$50. G. Woodson, Ext. 2580.

SKI BOOTS - Ladies Koflach 9M, like new. \$10. C. Brunone, Ext. 574.

ARM CHAIR - Maple, 3-position, \$8; white shoe skates, size 3, \$2; girls coat, size 10, \$2; all in excel cond. Ext. 434.

21" EMERSON TV - Perfect, new picture tube, re-conditioned. \$40. R. Hildenbrand, Ext. 7777.

STORM WINDOWS - 10, wood frame, 24"x47 1/2". \$2 each. Ext. 341.

CHENILLE RUG - 9'x11', \$15; GE Steam Iron, \$5; Lady Sunbeam Hair Dryer, \$5; chrome waffle ir, \$4; Colonial sewing bucket, \$9; HiFi albums, \$1 each. Ext. 2588.

SEARS DELUXE 18" POWER MOWER - Rotary, excel cond. Buy now \$20 in season \$30. Al, Ext. 7142, 273-5574 evenings.

BOY'S BICYCLE - 25", 1 yr old, good cond, banana seat. Reasonable. Kurt, Ext. 2984.

KELVINATOR REFRIGERATOR - 2 dr, 13 cu ft. \$75. George, Ext. 2117.

READY FOR YOUR CHRISTMAS STOCKING, AKC, miniature Poodles, silver, males. Pat, Ext. 358.

ICE SKATES - Mens figure skates, size 8, excel cond. Orig cost \$18, selling for \$10. Mike, HR3-2879.

HAMS - 20 yrs of QST & 15 yrs of CQ, make offer; Heathkit 12v power supply HP-12, \$30. Nils, GR5-4598.

PHONOGRAPH - W/cabinet, \$20; GE AM Radio w/clock, \$5. Matko, Ext. 613.

HAMS OR SHORT WAVE LISTENERS - Bargains in receivers, Hallicrafter, S53, \$17; S118, \$45 (new \$90); also teletype converters. Nils, GR5-4598.

SKIS & SKI BOOTS - Wooden skis, 73" w/safety bindings, \$20; boots size 8, \$15; boy's boots size 6N, \$10. Stangby, Ext. 368.

WROUGHT IRON DINETTE SET - Table, 4 chairs, ext. board, excel cond. \$30. 221-2560.

SKI PANTS - Womens, green size 14, blue size 12, red size 10, black size 8. \$2 pair. AT6-0741 after 4 p.m.

LOWRY ORGAN - Spinnet w/base pedals, excel cond. Priced for quick sale, \$300. Charlie, AT9-3715.

COMPLETE HEATING SYSTEM - Steam boiler, burner & controls, 9 radiators, piping, oil tank, have changed to electric heat. \$550. GR5-0214 after 6 p.m.

40" KENMORE GAS RANGE - A-1 cond, glass door, bake oven, broiler oven, storage drawer. GR5-0124 after 6 p.m.

BICYCLES - Girl's 26" 3 speed English & boy's 24" Schwinn. \$10 each. AT6-0795 after 5 p.m.

GUITAR - Electric, solid body w/double pick up & tremolo arm, case, cord & strap, like new, guaranteed. Ext. 2430.

SX99.550Kc to 34Mc RECEIVER - W/QF-1 Q Multiplier, Heath VF-1 VFO, Gonset Super 6 w/for 12 volt. Ext. 638.

HOME BREW - 400W PR.811A.14MC linear w/1250 volt 500 MA power supply. \$20. Ext. 638.

MULTI ELMAC - AF68A transmitter, PMR8 receiver, & 1070 power supply 6/12/115 volt, 80-6 meter, AM & CW. \$99. Ext. 638.

WIG - Long, adjustable, light brown, worn little, just cleaned & set. Cost \$195, now \$50. Ext. 396.

WINCHESTER - Model 94, Cal 30-30. \$50 firm. Jack, 744-8391.

CONTENTS OF ATTIC & CELLAR - Dinette set, used TV, ice skates, armchair, bike, fur jacket, miscellaneous. HR2-1097.

COLLIE PUPPIES - AKC, tri-colored, 6 wks old, will hold for Christmas. \$50 each. Nancy, Ext. 2114, 878-2659.

CRAFTSMAN VIBRATOR SANDER-POLISHER - \$5; floor stand grinder, 1" arbor, 1/4 HP motor, no shield, \$15. Ext. 597.

MICROMET UNIT - No. 2, 3 lb capacity. \$5. Ext. 353.

LARGE CABIN TRUNK - 44x22x18, good cond, 3 drawers, other side hanging space. \$10. John, Ext. 2478, 585-3463.

GIRL'S BLACK PATENT TAP SHOES - Sizes 2, \$2; 2 pr girl's Ice Skates, white, sizes 2 & 3, \$2 & \$3. John, 585-3463.

BOY'S 20" COLUMBIA BICYCLE - Banana seat, butterfly handlebars, 1 yr old, good cond. \$19.50. Ext. 2389, 298-4204.

GE ELECTRIC WALL OVEN - Turquoise, good cond. Asking \$20. Steve, Ext. 7756.

GUITAR AMPLIFIER - Ariatone by Estey, volume & tone controls, high-low Gain Switch, Tremelo. \$38. LT9-5741.

TRUNK - About 1 1/4'x2'x3', like new. \$10. Ext. 597.

FISHER RADIO-PHONO - AM-FM tuner, 3 spd mono changer, modern cabinet, blond wood, very good cond. \$75 or best offer. Ext. 373.

PHOTO ENLARGER - "Federal" model 240, f7.9 diffusion lens, adjustable diaphragm, great gift for great novice, like new. \$20. 286-8807.

LIONEL ELECTRIC TRAINS - Large layout, 3 compl sets, switches, accessories, etc, will sell separately. A. Reichlen, Ext. 7642 nights; YA4-6872 days.

MOWERS - Craftsman 22" self-propelled rotary, \$30; Toro power handled w/21" self-propelled rotary attachment (needs repair), \$40. HR2-1097.

MODERN SOFA - Opens to double bed, w/2 sets of seat covers, good cond. \$40. 475-8759.

2 TRADITIONAL MAHOGONEY END-TABLES - Leather tops, like new. \$25. 475-8759.

ROOF AERIAL - 125 mi folds into place. \$15, will haggle. L. Zolot, 924-8670 after 5 p.m.

DALMATION - 5 mo old, well spotted, house trained, wonderful w/children, AKC. M. Brooks, Ext. 2867.

35MM SLIDE PROJECTOR - Olympus Pen, w/auto-load, cooling motor, wide angle lens, very compact & portable, excel Christmas gift. \$45. Ext. 423.

FLATWARE SET - Rare, beautiful, bronze, from Thailand, 48 pieces (8 place settings), +6 serving pieces, teak handles. \$50. 724-3035.

KITCHEN WALL EXHAUST FAN - \$10; RCA Hi-Fi 4 spd record player, \$15; redwood chaise lounge & tete-a-tete, w/cushions, \$50. Charlie, Ext. 7642, SE2-4661.

COLLIE - AKC, female, health guaranteed, champion bloodlines. Sacrifice, make offer. R. Bruening, 924-8681.

DUNLOP BAND SAW - In good cond, 1/2" throat, uses 58" blade, without motor, blades incl. \$35. 289-5510 after 5:30 p.m.

TRAIN SET - Lionel, good cond. \$15. J. Jackson, Ext. 2509.

MICROMET - 8 lb can. Ext. 423.

ARTLEY FLUTE - Good cond. Asking \$50 or make offer. C. Rvege, Ext. 451.

SNOW PLOW - 42" heavy gauge steel, adjustable angle, w/hardware for use on 6 hp & up garden tractor. McGrann. 929-4039.

COOKBOOKS - "The Glorious World of International Cookery." \$2 each. Recreation Office, Ext. 2808.

2 BOYS BICYCLES - 20", Sears Roebuck brand, good cond. \$15 each. GR5-7654.

WALNUT PANELING - 4'x8'. \$15 each or 6 for \$72. PA7-0488 after 6 p.m.

FIGURE SKATES - Girls, white, 1 1/2", very good cond, \$3; accessories for Hoover Upright Vacuum, new, \$4. Ferrer, 878-0792.

MAMIYA-SEKOR S.L.R. - Cannon 50M f1.9, Exakta type mount, 35mm f2.8 Mamiya lens, 135mm Mamiya f2.8 lens. \$125. Ferrer, Ext. 7407, 878-0792.

WOOLRICH HUNTING JACKET - Red plaid, new, never worn, tag's still on it, size 46. \$18. Ferrer, 878-0792.

STEREO TURNTABLE - 3 spd, manual operation. Reasonable. P. Ettari, Ext. 2407, 273-6436.

KODACOLOR PRE-PAID MAILERS - CX135-20, \$2.50 each; EH135-36 dated Sept 67, \$2 each; and more film. D. Greenberg, Ext. 2744.

ICE SKATES - Hockey, boys, size 6, like new. \$5. Ruppert, Ext. 2382.

LIONEL TRAINS - 027, engine & 7 cars, transformer, pr of remote switches, crossing gate, extras. \$40. Ruppert, Ext. 2382.

ENGLISH POINTER PUPPY - 7 mo old, AKC. \$100. GR5-7654.

GIRLS SNOWSUIT - Size 3, red & white, excel cond, \$7; red boots, size 7-9, easy-on, \$1. AT6-0975 after 1 p.m.

CRIB - Fine quality, \$18; old heavy carriage, not for car, \$5; bottle warmer, \$1.50, vacuum, \$5. AT6-8724.

HARDY BOYS (13) - & Brains Benton Mystery (4) books, excel cond. 50¢ each. Ext. 2934.

BABY CARRIAGE - Atlas Coachette, navy w/accessories & mattress, perfect cond. Paid \$85, will sell for \$50. Lou, Ext. 2126.

HEARING AID - Qualitone, behind-the-ear, in good working cond. \$25 or best offer. Ext. 7240.

HAMS - DX-60 new cond; Lafayette Phone-CW transmitter, companion to HE-30 (brand new), etc. Rich, Ext. 2735.

SUITCASES - New, unused, 1-26", 1-29", "Wings Flight Weight," zippered. \$20 each. Dahl, AT6-0379.

BOYS SKATES - Size 4, \$3.50, skis 5', harness, poles, \$7.50, 2 gal aquarium tank, \$2; rubber ground sheet 40"x72", \$2. Baher, Ext. 367.

TIRED OF CHOP SUEY? - Treat your taste buds to an authentic gourmet Chinese dinner prepared in your own home by expert chef. 475-0647.

SKATES - Boys hockey, size 3; figure skates, size 2; child's skis, 4'6". Reasonable. Ext. 387.

### Houses

WATER FRONT - 8 rm, 2 bath, 2 fire places, close to school, shopping center, in Center Moriches. \$25,000. Redmond, Ext. 7171.

OAKDALE - Idle Hour, 4 bedrm Colonial split level, cathedral living rm, family rm, foyer, on wooded landscaped lot w/patio. Asking, \$19,500. R. Strand, Ext. 7658.

STONY BROOK - 5 bedrm, Colonial Cape, 2 baths, family rm, non-development, near everything. \$21,900. Ext. 571, AT6-0341.

BLUE POINT - The only available waterfront property, high & dry house on 141'x118' corner plot, walking distance to stores, beach & church, inspection invited. P. Ettari, Ext. 2407, 273-6436.

BROOKHAVEN VILLAGE - 4 bedrm ranch, liv rm, din rm, porch, 1 1/2 baths, 2 car garage, 1 1/2 acres fully landscaped, 150' frontage. \$31,000. AT6-1358.

### For Rent

2 BEDROOM COTTAGE - Bellport Village, furnished, \$110/mo. 286-0656.

MASTIC - 1 bedrm cottage, furn, garage. \$75/mo. 281-8165 after 6.

3 RM PENTHOUSE APARTMENT - Beautiful waterfront view, furn, yrly lease w/utilities, single only. \$125/mo. Ext. 402.

### Wanted

HOMES - For a female Basset Hound and a male Hound dog, both housebroken and love children. Nancy, Ext. 2114, 878-2659.

1 BEDRM APT OR SMALL HOUSE - In or near Oakdale, moving in late Jan '68, married couple, no children. Ext. 7424.

USED GIRLS BIKE - In reasonably good cond. Ext. 2867.

SILVER CERTIFICATES - In trade for my U.S. Proof sets. S. Wagner, Ext. 618.

TRAILER - For 18' boat J Sanchez, Ext. 2389.

2 BOOKS PLAID STAMPS - Priced for reasonable sale. D. Williamsen, Ext. 7442.

MICROSCOPE - Suitable for pre-high school student in time for Christmas. Reasonable. Jim, Ext. 595.

PEDIGREE HOMES - For 4 non-pedigree kittens, 8 wks old, just right for Christmas gifts. Ruth, Ext. 342.

44 CAL RUGER CARBINE - Good or excel cond. G. Spira, Ext. 2406.

CABIN TRUNK - For family of 4. Ext. 7243, AT9-3596.

SKIERS - To share driving & expense for trips to Vermont ski areas all season Al, Ext. 344.

JR. GIRL SCOUT DRESS - Size 12, good cond. Reasonable. 281-6809 after 6 p.m.

ROOMMATE - To share clean, well-kept house in Mastic, 10 min to Lab. Ken, Ext. 2442, or Al, Ext. 2726.

### Carpools

WOULD LIKE TO JOIN - Existing carpool from Plainview-Hicksville area. F. Hohmann, Ext. 7160.

E. ISLIP - 1 or 2 additional drivers wanted for current 3 man carpool. Ext. 2711.

DRIVERS WANTED - To complete existing 3 member carpool from Riverhead. Bill, Ext. 444.

NEED RIDE - From Port Jefferson, would like to join carpool or be paying rider. Dick, Ext. 7180.

ESTABLISHED CARPOOL - Will welcome 1 rider-driver from the W. Islip, Babylon area. J. Ryan, Ext. 560.

HARBOR HILLS, PORT JEFFERSON - Need 1 driver from Harbor Hills area to complete a pick-up on time 5 man carpool. J. Brennan, Ext. 2814.

PAYING RIDER - Would like a ride from East Northport area, 3 days per wk. Rich, Ext. 2735.

### Lost & Found

LOST - 3 female beagles in Manorville vicinity December 4. Ext. 2816, GR5-7372.

LOST - Clipboard w/important information in vicinity of Bldg 912, AGS. F. Schneider, Ext. 2413.

### Classified Ad Policy:

1. The Bulletin Board's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
4. Ads associated with a full- or part-time business cannot be accepted.
5. Ads should be restricted to 20 words or less and typed or

printed on the form provided. (Additional copies of the form are available at the Bulletin Board office.) Twelve noon on Friday is the deadline for inclusion in the following week's issue.

6. Ads are run on a space-available basis; those not carried because of space restrictions will be held for inclusion in the next issue.
7. Ads are run only once and must be resubmitted if they are to be repeated.

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

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature..... Life No..... Ext.....

Send to: BULLETIN BOARD, 40 Brookhaven Avenue