BROOKHAVEN BULLETIN
Vol. 44 - No. 7 February 16, 1990
BROOKHAVEN NATIONAL LABORATORY

Brookhaven's 1991 Budget Picture Prettier Than 1990

On January 29, President George Bush submitted his fiscal year 1991 budget plan to Congress. Since then, BNL's Budget Office has been analyzing that budget to determine how large a slice of the $1.23-trillion pie will go to Laboratory programs.

At the same time, the Budget Office has been dealing with the realities of the 1990 budget and putting together BNL's budget proposal for 1992.

FY90 is now in its fifth month. BNL Director Nicholas Samios characterized this year as "a very tough time — on two counts. We didn't know our budget until we were into the fiscal year, because of the specific funding cuts imposed by Congress, and because we had to deal with Gramm-Rudman. But we've gotten into the year with a minimum of pain. Now, we hope we are in a better position to enter 1991, which, if one looks at the budget, looks reasonable."

1990 — Now in Balance

The Lab weathered the jolts to the FY90 budget, Samios said, "because, fortunately, during this difficult time, the Lab had a freeze on hiring, and all department and support units were very careful about how they were disbursing funds. Through a process of voluntary departures, involuntary departures were avoided. It was painful, but it could have been much worse."

How much worse is evident by comparing the original possibilities with the final outcomes: The $30-million cut Congress originally proposed for the Alternating Gradient Synchrotron (AGS) dropped to $5 million; the 5.3% Gramm-Rudman reductions originally feared for the FY90 budget were finalized at 1.4%.

"These were a significant improvement," said Donald Robbins, BNL's Budget Officer, "and we do have a budget that's in balance now."

This does not mean, however, that the Budget Office can turn its attention from 1990. "Life would be simple if, at the beginning of the fiscal year, we got all our money for the year," said Robbins, "but it doesn't happen that way." Instead, the Lab receives monies month by month, and changes to the financial plan are made on a monthly basis.

About 80 percent of BNL's operating funds come from the U.S. Department of Energy (DOE). The remaining 20 percent of the Lab's research programs are funded by the Nuclear Regulatory Commission and various other agencies.

DOE funds come to the Lab from 12 separate appropriation categories, each of which may include many BNL programs. Issued monthly, these accounts are subject to numerous changes throughout the year. "These changes can be significant," said Robbins, "in the millions of dollars. It's a very dynamic process."

So part of the Budget Office's job is to follow the budget throughout the year — to help it maintain its balance. "We do a lot of forecasting, a lot of follow up," explained Robbins, "but we now anticipate that the program for 1990 has been reconciled."

1991 — Strong Support for Facilities

When the President's FY91 budget was released, it was easy to determine that it recommended funding for construction of BNL's proposed Relativistic Heavy Ion Collider (RHIC) because RHIC is a line-item construction project.

Roger Stoutenburgh

John Hauser (left) and Donald Robbins pore over the books containing the President's proposed budget for fiscal year1991.

Most of the Lab's other programs, however, do not have their own lines in the budget. They are part of hundreds of DOE programs detailed in seven thick volumes. It is through these that Budget Office staff have pored over the past few weeks, identifying BNL programs and their recommended funding levels.

At this point, said Samios, "With inflation, our 1990 budget is essentially flat, but the 1991 plan shows increases in many areas of the Lab, and there are some very gratifying things — namely RHIC.

"We're positioned in our major areas rather well," Samios added. "So I'm comfortable with the 1991 budget — if it remains the way it is, it's a reasonable budget for BNL. Now our aim is to sustain the budget proposed by the President and t he Secretary of Energy through the Congressional process."

Specifically, explained John Hauser, Deputy Budget Officer, "DOE has given us strong support to operate our facilities." This includes major increases over 1990 for operations at the High Flux Beam Reactor and the National Synchrotron Light Source. It also includes, he said, "a modest increase for the AGS."

Another area of healthy increase is nuclear physics, which reflects DOE's commitment to the science which will be done with RHIC. The Lab's biomedical programs are also expected to receive increasing support.

It's still too early, Robbins cautioned, to be definitive about the budget because the Budget Office simply has not been able to identify all the Lab's programs. "In some cases," Robbins said, "this information is very easy to get. For example, we get lots of detail and program guidance for the Office of Energy Research programs.

"In other cases," he continued, "it's not so easy. This year, we have some complications — some reorganization of some programs to new areas of DOE. While we expect that many of these programs are being funded, we are not sure yet where they have been placed. So some parts of the budget picture are still unclear."

Also, even before the status of all BNL programs is resolved, the budget recommended for FY 91 exceeds that for FY90 by over $14 million in new budget authority. Though this is promising, Robbins said, "in some areas, where we have had increases, they are less than the cost of living. So we have some problems to deal with in this budget."

Though there are problems, Hauser was not alarmed. "Since we are a multiprogram laboratory," he said, "it is not uncommon to see some areas growing while others experience flat or decreasing funding."

The process of dealing with the FY91 budget has just begun. Now the Budget Office begins working with the departments to determine the potential effects of the proposed budget and whether additional requests should be made of DOE. "We have to be aggressive and stay on top things, because they can change," said Hauser."

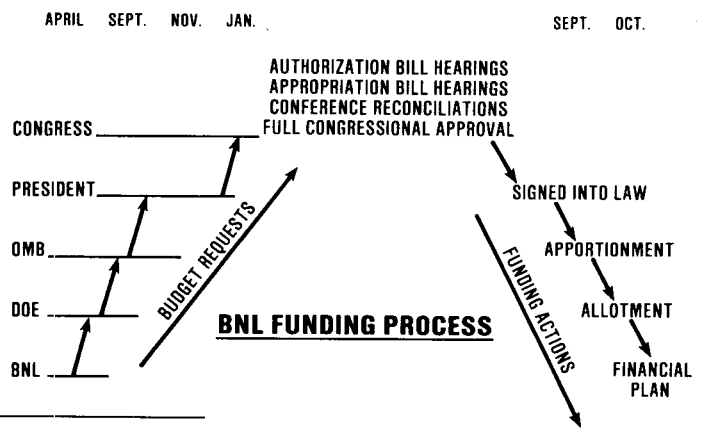
Robbins concurred. "We have to have the most current information, know what's happening, know what the trends are. For instance, it's been our experience that we pick up additional money in the budget during the year, over that amount originally earmarked for us in the President's budget."

Congressional hearings on DOE's budget will begin in early March. By September, these should result in budget authorizations and appropriation bills being reconciled by both Houses of Congress, then sent to the President for his signature.

If all proceeds on schedule, the FY91 budget will be finalized for the start of the fiscal year on October 1.

(continued on page 2)

The never-ending BNL funding process officially begins in April, when the Budget Office submits the Lab's budget to the U.S. Department of Energy (DOE). Then, DOE's plan goes to the Office of Management & Budget (OMB), which makes recommendations to the President, who submits a proposed budget to Congress in January. Congressional authorization and appropriation hearings eventually result in reconciliation of the budget between both houses, then full Congressional approval. After the President signs the budget into law, it is apportioned and allotted to the various parties of interest, and a financial plan for receipt and disbursement of funding is drawn up at BNL.



DOE Visit Centers on BNL Centers

Roger Stoutenburgh

An update on two upcoming BNL centers — one for child development, another for educational programs — was presented to four staffers of the U.S. Department of Energy (DOE) who visited the Lab on February 7. In addition, they toured existing BNL facilities, including the National Synchrotron Light Source. There, the entourage included: (from left) Robert Thomas, BNL Office of Educational Programs (OEP); Melva Wray, Director of DOE's Office of Minority Economic Impact (OMEI); Karl Swyler, OEP; Joseph Easton, Financial Assistance Program Manager, DOE OMEI; Paula Reano, Special Projects Staff Assistant, Office of the Secretary (OS), DOE; Renee Flack, OEP; Donald Metz, Manager, OEP; and Larry Woldt, Special Projects Staff Assistant, DOE OS.

Active Again: BNL's Amateur Radio Club

They talk to others locally and internationally without the use of telephones. They make emergency contacts when ordinary channels of communication are out of commission. They're BNL's "hams" — amateur radio operators who belong to BNL's Amateur Radio Club.

Formed in 1967, the Amateur Radio Club remained active at the Lab until the late 1970s, when interest lagged — but now it's back with a healthy new enrollment of 31 members.

One spark that led to reigniting the on-site amateur radio operators' interest in getting together again was the acquisition of a sophisticated piece of radio equipment known as a "repeater."

"This 10-year-old, $14,000 repeater had been excessed by the Federal Protective Service, and I was able to obtain it from the Federal Excess Property System using the club's funds, for the cost of transporting it from the Pan Am Building in Manhattan to the Laboratory," said club president Andrew Feldman, Division of Contracts and Procurement.

Feldman explained that, ordinarily, amateur radio enthusiasts with low-power walkie-talkies can only reach a five-mile radius, but with the repeater in place at the base of the Lab's 300-foot meteorology tower, the communication radius increases to about 60 or 70 miles.

Club members joined together to install the repeater on site, and they are now using it to establish new radio contacts as far away as Westchester County. In addition, all club members can use the high-frequency equipment for voice and Morse code transmission in the club's room at the Recreation Building.

According to Alan Bieber of the Department of Nuclear Energy (DNE), the club's secretary, there are various reasons why people become hams. Many amateur radio buffs are interested in electronics and build their own equipment. Others are primarily interested in long-distance communications and take pleasure in talking to people in as many as 314 countries recognized by the International Telecommunication Union.

Depending on their expertise and the sophistication of their equipment, hams can either use amateur radio to make contacts that are mainly local, or they can make contacts as far away as outer space.

For instance, using equipment that he had set up in his backyard, Feldman was one of 40 ham operators who spoke with astronaut Owen Garriott on the STS-9 mission of the space shuttle *Columbia* on December 4, 1983. In August 1985, Feldman was successful in contacting astronaut Tony England on board the *Challenger* Space Lab II.

Amateur radio operators are often public service minded, and many are active in the Radio Amateur Civil Emergency Service. This organization works with the Police and Fire Departments, the American Red Cross, and the Civil Air Patrol to provide emergency communication in times of disaster.

In the aftermath of last year's Hurricane Hugo and San Francisco earthquake, some of BNL's hams connected their computers and radios to the National Traffic System, a data communications network, to aid people in contacting their relatives and friends.

Feldman recalled that he helped Kathryn Lancaster, a librarian in DNE's Technical Support Organization, determine the safety of her parents' boat located in a boat yard off Puerto Rico directly in the path of Hurricane Hugo. Lancaster's father is John Lancaster, a former BNL employee. Fortunately, he and his wife, Phyllis, were in Europe at the time of the storm, and their boat was not severely damaged.

Five days after the San Francisco earthquake, Robert Bacharach of the Management Information Systems Division (MIS), the club's vice president, was stationed at the ham radio at St. Charles Hospital in Port Jefferson communicating the availability of beds to the Suffolk County Civil Defense office. Bacharach was a volunteer in a practice drill set up by the Federal Emergency Management Agency to determine the feasibility of transporting earthquake victims from the west coast to the east. Coincidentally, the date for the drill had been set weeks before the actual San Francisco earthquake.

Some members of the BNL Amateur Radio Club with their new repeater, which has been placed at the base of the Lab's meteorology tower: (clockwise, from left) Warren Hirzel, treasurer; John McNeil, club trustee; George Sintchak, club engineering technical advisor; Andrew Feldman, president; Robert Bacharach, vice president.

Photos on this page by Roger Stoutenburgh

Bacharach currently is offering a free, on-site course in Morse code, electronic theory, and Federal Communications Commission (FCC) rules and regulations to prepare BERA ham-radio enthusiasts to take the FCC-sponsored test to get their novice licenses. This is the most elementary of five classes of licenses for which they can apply. Ten students are currently enrolled in the class, which meets every Wednesday in the MIS Conference Room.

Bacharach administered the test early to one student — sixteen-year-old Shay Berant. The son of a visiting scientist from Israel, Zvi Berant of the Reactor Division, Shay Berant is now a full-fledged ham with a novice license.

In June, BNL Amateur Radio Club members are planning to participate in the nationwide field-day exercise. This event involves a test to determine how quickly hams can set up a portable communication system. Bacharach explained, "We will set up transmitters and receivers powered by generators on site to test how well we can react in an emergency."

The BERA Amateur Radio Club will meet in Berkner Hall, Room A, on Thursday, February 22, at noon.

All licensed radio amateurs employed at the Lab, those wishing to obtain amateur radio licenses, and Lab guests are invited to attend. For more information, contact Andy Feldman, Ext. 3264, or Bob Bacharach, Ext. 7790. — Diane Greenberg

Next week: Meet Michael McKeown, Fred Pallas and Vance Sailor, retired BNL'ers who are amateur radio enthusiasts.

In Control at the AGS

Newly remodeled, the control room of BNL's Alternating Gradient Synchrotron (AGS) has a nearly doubled working space (see photo above). At three of the five new consoles, or workstations, are (left) Pepin Carolan, (right) David Gassner and (foreground, from left) Project Engineer Peter Ingrassia and Donald Barton, Head of the AGS Controls Section. Jonathan Reich (center, back) works at a special safety console, which is used for controlling access to radiation enclosures and managing any response to an emergency.

Flexibility marks the five new general consoles, each of which is linked to a network that allows the console operator to control several, any or all of the accelerator processes throughout the AGS complex. Previous equipment was linked to specific areas.

The new, user-friendly environment incorporates space for future expansion, as well as additional equipment for the Booster, a new accelerator now under construction that will boost proton and polarized proton beam intensities and will enable the AGS to inject all species of heavy ions into the proposed Relativistic Heavy Ion Collider.

This was the AGS control room that was (see photo at left). Photographed there last year were (clockwise, from left) Raymond Zaharatos, Accelerator Division Head Theo Sluyters, Peter Ingrassia, Richard Di Franco, Woody Glenn, Frederick Heilemann, John Becan, Kevin Brown, Deputy Division Head John Grisoli and Neville Williams.

Budget (cont'd)

And if all goes well, said Robbins, "BNL will have a budget that generally supports our programs and the operation of our facilities."

1992 — In Preparation

"Even as we assess 1991 and pick through the dust of 1990, we're preparing for 1992," said Robbins of the 13 staffers in the Budget Office.

Hauser observed, "The total budget at the Lab has been pretty stable over the past three years — about $300 million." Whether that will hold true in the Lab's 1992 budget request will not be apparent until after it is submitted to DOE in early April, then reviewed and included in the President's budget next January.

When the BNL budget for FY92 is ready for submission, it will have been reviewed by AUI and DOE. It will consist of some 3,500 pages packaged in about 650 books. By the time that budget is finalized and a reality for BNL, about two years will have passed since it was born in the Budget Office — and the Budget Office will be grappling with a Presidential budget for FY93 and a new budget submission for FY94.

"The whole funding process is very complicated and requires a tremendous amount of coordination and attention to detail," said Henry Grahn, BNL's Associate Director for Administration, to whom the Budget Office reports. "I'm proud of the work that Don Robbins and his Budget Office staff do in managing the budgetary affairs of the Laboratory."

— Anita Cohen

Coming Up

The Shanghai String Quartet will appear in concert in Berkner Hall on Monday, February 26, at 8 p.m. The program includes music by Beethoven, Brahms and Zhou Long. Tickets can be purchased at the door for $9 general admission, $6 students and those over 65, and $5 for children under 18.

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Charles Hofmayer, a mechanical engineer in the Department of Nuclear Energy, will present the next Brookhaven Lecture on Tuesday, February 27, at 4 p.m., in Berkner Hall. His topic will be "Seismic Studies of Reactor Components."

•

Former U.S. Secretary of the Interior Stewart L. Udall will present an AUI Distinguished Lecture on Wednesday, February 28, at 5 p.m., in Berkner Hall. His talk on "Hiroshima: The America Tragedy," will be followed by a reception.

In addition, on Thursday, March 1, Udall will lead an open breakfast discussion on "The History of the Environmental Movement and Environmental Law." The discussion will begin at 8:30 a.m. in Berkner Hall.

Pick A Student

Applications for three summer programs run by the Office of Education Programs (OEP) will be available for review between February 20 and March 9, from 9 a.m. to 4:30 p.m., in the Solarium, Bldg. 490, Medical Department. Use the Clinical Research Center entrance and follow the signs.

The three programs are:

- **Summer Students** - The 39 year-old, traditional summer program will provide junior and senior undergraduates with ten-week summer research appointments, June 11 to August 17. OEP pays the individual stipends of $200 per week and round-trip transportation. The sponsoring department pays for the student's housing at $75 per week.
- **Summer Interns** - This is similar to the Summer Student program except that appointments are offered to students who have participated in a prior High School Honors Program conducted by the Department of Energy (DOE) at several DOE labs. Generally, these students are finishing their freshman year of college, but a few may be recent high school graduates. OEP pays all costs associated with these students — stipend, travel and housing.
- **Teacher Research Associates** - This DOE program provides an eight-week summer research appointment, June 25 to August 17, to secondary-school teachers of science, mathematics or technology. All applicants have been nominated by their school systems; some were recruited from Nassau and Suffolk Counties, while others come from across the nation. OEP pays all costs associated with these individuals — stipend, travel and housing.

For more information, call OEP, Ext. 4503.

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Published weekly
by the Public Affairs Office
for the employees of
BROOKHAVEN NATIONAL LABORATORY

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Swim Club

At the U.S. Merchant Marine Academy masters swim meet on Sunday, February 4, the BNL Swim Team racked up 12 medals for top-three, age-group finishes.

50-yard Freestyle		
Peter Heotis	26.04	4th men 35-39
Paul Michael	33.26	4th men 60-64
100-yard Freestyle		
Peter Heotis	58.17	2nd men 35-39
Paul Michael	1:16.41	4th men 60-64
200-yard Freestyle		
Peter Heotis	2:12.14	4th men 35-39
Ron Wittlock	2:34.57*	2nd men 55-59
50-yard Butterfly		
Paul Michael	47.44	4th men 60-64
100-yard Butterfly		
Peter Heotis	1:06.04	1st men 35-39
50-yard Backstroke		
Ron Wittlock	33.75	1st men 55-59
100-yard Backstroke		
Ron Wittlock	1:13.71	1st men 55-59
Roger Klaffky	1:16.26*	4th men 45-49
200-yard Backstroke		
Ron Wittlock	2:45.16	1st men 55-59
Roger Klaffky	3:01.32	3rd men 45-49
50-yard Breaststroke		
Wlodek Guryn	34.23	2nd men 40-44
Paul Michael	43.41	4th men 60-64
100-yard Breaststroke		
Wlodek Guryn	1:15.54	2nd men 40-44
Roger Klaffky	1:20.07*	4th men 45-49
200-yard Breaststroke		
Wlodek Guryn	2:49.81	2nd men 40-44
Roger Klaffky	2:58.76*	4th men 45-49
100-yard Individual Medley		
Wlodek Guryn	1:09.24	2nd men 40-44
Paul Michael	1:42.50	3rd men 60-64

* indicates personal record

Bowling

Red/Green League

L. Jacobson had a 229, R. Eggert 225, D. Jesaitis 215, H. Marshall 214, M. Guacci 212, J. Ferrante 210, L. Grimes 208, R. Vega 208, R. Jones 205, W. Kain 200, G. Meinken 200.

Purple League

Rob Simes had a 219, Frank Gaetan 214, Nancy Mayeski 206/180, Joe Ferrante 204, Jeannette Thiede 203, Karen Vogel 195/181, Cheryl Miezianka 190, Pat Manzella 189/180, Debbie Keating 188, Betty Jellett 184.

White League

John McCarthy had a 223, Joe Mayeski 220, Buzz Jacobs 210, Al Pinelli 202, Andy Warkentien 201, Pete Stelmaschuk 201, Gene Hassell converted the 6/7 split.

Pink League

Renie Rosati had a 207, Donna Cunningham 194/190/188 for a 572 scratch series, Pam Meehan 193.

Scotch Doubles Tournament

Open to BNL employees and immediate family members, the Scotch Doubles Tournament will be held on Sunday, February 25, at 1:30 p.m., at the Port Jeff Bowl. The cost of $20 per couple includes bowling, food and prizes. Each team consists of two people, one male and one female. Applications are available at the BERA Sales Office. If you need a partner or have any questions, contact Donna Cunningham, Ext. 4599, or Maryann Reynolds, Ext. 5234.

Addled Addresses

- Bonaklowen Nat'l Lab 923 Bld
- Brookhaven National Cab Co.
- Brookhaven Nation
- Patchogue Elks Club
  59 Cornell Bid 9-1
  Uptown, NY
- Department of Unclear Energy
- Lipton, NY 11973
- Brookhaven Ntl. Labs
  1-1/2 mi N of Long Island Expw
- Brookhaven Nat L., Oceangrphic
- Brookhaven National Labs
  Upland, NY
- Brook Heaven Travel
- Brookhaven Nat La Ph 510a
- Broadhaven Ntl Landscape
- Ntookhave Ntaional Lab
- Brookhaven National Club
- Brookhaven National Loboritoires
- Associated Universitis, Inc.

The spotlight will be on both BNL and outside talent tomorrow when the Afro-American Culture Club presents its annual talent show on Saturday, February 17, at 7:30 p.m., in Berkner Hall. Enjoy an evening out, spotting talented singers, dancers, comedians, poetry readers, piano soloists — and a clown!

Advance tickets for this Black History Month event are $3 each. They may be purchased from Arthur Anderson, Ext. 5318, Bldg. 422; Renee Flack, Ext. 3316, Bldg. 490; and Ralph Wilson, Ext. 3900, Bldg. 535A. At the door, tickets will cost $4 each.

Volleyball

Standings as of February 9

Open League		League I	
GTEAM	42-6	Upfagrabs	42-3
Magnum	39-9	Dinkers	38-10
Phoenix	26-22	Cannonballs	29-19
Me and the Boys	20-28	Xrayted	24-24
Jet Setters	18-30	Up-Setters	12-36
Dig It	16-32	Rude Dogs	12-36
Penetrating Vollies	8-40	Network News	9-36
League II		**League III**	
Fossils	38-4	Lethal Women	28-5
Nuts & Bolts	33-9	MISfits	25-8
Pteropods	22-20	High Volley'em	21-12
Sourcerers	21-21	Nutcrackers	18-12
Net Wits	17-25	Renegades	16-17
Chunga's Revenge	15-27	Good Timers	15-18
Upton-Ups	12-30	Bad Gnus	10-20
Slammers	10-32	Turkeys	7-23
		Spikes	4-29

Basketball

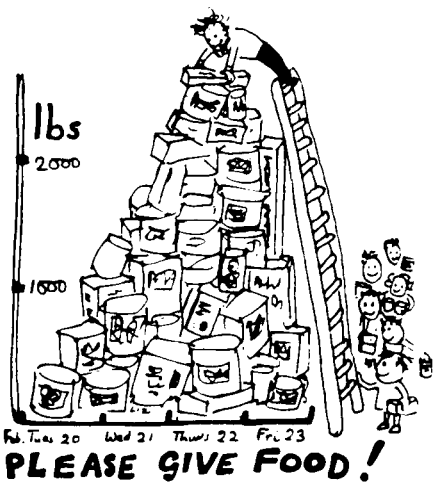
Games for Week of February 8

Bulls	**45**	**Celtics**	**39**
P. Johnson	12	T. Comstock	14
F. Ligon	12	D. Hoggard	13
S. Gilbert	10	P. Brubwier	6
G. Smith	4	A. Jones	4
C. Victoria	4	N. Schaknowski	2
L. Furenlid	3		

Three-point goals: T. Comstock, P. Johnson

Warriors	**91**	**Scram**	**29**
T. Mayo	30	J. Duggan	11
W. Cummings	21	E. Gregory	9
C. Edwards	10	D. Bingham	6
A. Ratti	9	T. Powers	3
S. Springston	7		
K. Biery	6		
S. Cramer	1		
B. Gunther	1		
Knicks	**62**	**Runaways**	**57**
E. Hobson	26	J. Desmond	21
L. Walcott	11	G. Shepherd	16
J. Belz	10	P. Brown	10
G. Thompson	7	T. Blum	6
T. Mendez	6	R. Mease	2
F. Thompson	1	C. Norton	2

Three-point goals: E. Hobson (2), Walcott (2)



After the holiday next week, there are four days — February 20-23 — when the BNL Food Drive will be looking for donations from BNL'ers to help the needy families of Brookhaven Town. Please give generously. Last month, Lab personnel gave 2,280 pounds of food. Can we top that?

Note to Employees:

Attendance to lectures, meetings and other special progams held during normal working hours is subject to supervisory concurrence.

Inside Info

Hollywood has its Oscars, but Long Island has its Harolds — given out each year by the Three Village Herald, a North Shore weekly, to the best local performing artists. At a ceremony held earlier this month, the 1989 Harold Award for Best Supporting Actress in a Musical went to BNL's own **Janet Sillas**, for her show-stopping performance in last fall's production of *Follies* at Theater Three in Port Jefferson.

Arrivals & Departures

Arrivals

None

Departures

This list includes all employees who have terminated from the Lab, including retirees.

Eusebio Beniquez.....Sfgds. & Sec.
Patricia M. Patterson.....DAS

Note to Diners

The Brookhaven Center Club will be closed Sunday, February 18, the day preceding Presidents Day. Though the Lab will be closed on Monday, February 19, the Center Club will open that evening, at 5 p.m.

The Cafeteria will be open from 9 a.m. until 2 p.m. on Saturday, Sunday and Monday, February 17-19.

The vended food service in Bldg 912 will be in operation continuously.

On the Menu

At the Cafeteria

Luncheon served 11:15 a.m. to 1:30 p.m.; grill open to 4 p.m.

Monday, February 19
Presidents' Day (open 9 a.m. to 2 p.m.)

Tuesday, February 20

Soup: Split pea	.75/.95
Entree: Fried liver & onions w/1 veg.	3.10
Entree: Chicken Parmesan w/1 veg.	3.10
Fitness: Cheese & vegetable casserole	2.85
Carvery: Hot roast beef sandwich	2.85
Grill: Swiss & mushroom burger w/fries	2.50
SPICE: Deli Special - hero by the inch	

Wednesday, February 21
Mardi Gras Special

Thursday, February 22

Soup: Tomato rice	.75/.95
Entree: Honey-dipped chicken w/1 veg.	3.10
Entree: Franks & beans w/1 veg.	2.85
Fitness: Seafood linguini w/1 veg.	3.10
Carvery: Baked Virginia ham sandwich	2.85
Grill: Reuben w/cole slaw	2.85
SPICE: George's *real* birthday!	

Friday, February 23

Soup: New England clam chowder	.75/.95
Entree: Catch of the day w/1 veg.	3.10
Entree: Beef Stroganoff over noodles	3.10
Fitness: Chef's special w/1 veg.	3.10
Carvery: Hot roast turkey w/cranberry sauce	2.85
Grill: Seafood nuggets w/French fries	2.95
SPICE: Hot, oat-bran muffins	

Breakfast specials served w/coffee, 7:30 - 10:30 a.m. 2.65

Tue.: Western omelette, French fries, toast
Wed.: Spanish omelette, home fries, toast
Thu.: 2 eggs, bacon, cheese on croissant, fries
Fri.: French toast, 2 eggs, bacon, home fries

At the Brookhaven Center - Dinner

served from 5 to 7:8 p.m.; grill open to 11 p.m.

Mon.: President's Day - Open 5 to 11 p.m.
Tue.: Knockwurst & sauerkraut w/potato 3.95
Wed.: Salisbury steak w/mashed potatoes 3.85
Thu.: Spaghetti & meatballs 3.75
Fri.: Broiled flounder w/lemon buttered, steamed rice 4.10

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 and/or appropriate bargaining unit, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants. In keeping with the Affirmative Action plan, selection decisions are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific 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.

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 Employment Manager, Ext. 2882.

The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

4163. CLERICAL POSITON - Requires excellent record-keeping and computation skills. Will prepare and process vouchers for payment, mail vendors' checks and maintain data regarding payments. Experience with typing and use of calculator required. Fiscal Division.

4164. WATER AND SEWAGE OPERATING ENGINEER (2 positions) - Requires high school or equivalency diploma. Under minimum supervision lays out, constructs or installs, repairs, maintains and operates water and sewerage systems, related facilities and auxiliary equipment. Must obtain and maintain appropriate licensing or certification requirements, which includes one year's acceptable operating experience at a water treatment plant with facilities for filtration. Plant Engineering Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

4165. ENGINEERING POSITION - Requires BS in engineering and several years' reactor QA experience. Duties include auditing, design review, procedure writing, training and oversight for QA requirements. Familiarity with ANSI/ASME NQA-1 standard very desirable. Must be able to obtain and maintain a security clearance. Reactor Division.

4166. ENGINEERING POSITION - Requires BS in engineering and five years' nuclear reactor experience in compliance or NRC licensing activities. Will perform technical reviews of documents, coordinate preparation/maintenance of reactor-safety documents, and develop technical reviews and responses to safety issues raised. Must be able to obtain and maintain a security clearance. Reactor Division.

4167. ENGINEERING POSITION - Requires BS in engineering and five years' experience in nuclear power-plant maintenance. Will provide engineering support for reactor-instrument and mechanical maintenance program and will develop a coordinated plant life extension program. Requires understanding of instrumentation, electrical equipment, and piping and pressure vessel codes and standards. Must be able to obtain and maintain a security clearance. Reactor Division.

4168. DRAFTER POSITION - Requires thorough knowledge of standard drawing projections and working knowledge of mechanical/electrical drafting procedures. Familiarity with AUTOCAD highly desirable. Will prepare detail and assembly drawings from a design layout; may draw schematic diagrams. Must be able to obtain and maintain a security clearance. Reactor Division.

4169. EXPERIMENTAL MACHINISTS - Requires a minimum of 5 years' prototype machining experience in all-around machining, proficiency in job-print interpretation, layout and machine setup. Demonstrated ability in all phases of machine shop work is essential. Central Shops Division.

4170. CNC/NC OPERATORS - Requires a minimum of 3 years' prototype machining experience on NC milling and lathe equipment. Will be required to complete setups under the guidance of a group leader and input data manually on menu-driven-type controls. Should also have the capability to select and install tooling as required and show proficiency in job-print interpretation. Central Shops Division.

4171. STANDARDS INSPECTOR - Requires AAS in mechanical technology or equivalent capabilities, including basic knowledge of metals, machining, welding and sheet metal fabrication. Assists senior standards inspectors with complex inspection and nondestructive testing. Performs small tool calibration and repair. Maintains laboratory measuring and inspection equipment inventory. May perform other inspections and section functions as required. Central Shops Division.

4172. MACHINE MAINTENANCE MECHANIC A - Under minimum supervision is responsible for such duties as inspecting, maintaining, troubleshooting, repairing and performing major overhaul of machine tools and similar equipment, including the machining of various parts as required. Fabricates or constructs a variety of special equipment. May direct and coordinate the work of others. Central Shops Division.

4173. ELECTRICIAN A - Under minimum supervision lays out, constructs, installs, maintains, repairs and operates electrical systems, equipment, controls and related devices. Plant Engineering Division.

4174. STAFF PSYCHOLOGIST (part-time position) - Requires a Ph.D. in clinical psychology, clinical experience in diagnosis, intervention and referral and a New York State license. Will assist the Employee Assistance Program Manager with ongoing EAP programs and program development. Must be able to obtain and maintain a security clearance. (Reposting of job number 3062) Occupational Medicine Clinic.

Motor Vehicles & Supplies

88 KAWASAKI NINJA 600R - cherry red/gray, limited edition, 7k mi., great for warm weather, $2,400. Dave W., Ext. 4978 or 744-2830.

88 HYUNDAI EL GL - 3-dr., h/b, red, 5-spd., p/w, sunroof, am/fm cass., 16k mi., v.g. cond., asking $4,200. Ext. 4629 or 929-4258.

88 SUBARU GL WAGON - 4wd, a/t, ac, am/fm cass., loaded, 9.5k mi., like new. John, Ext. 2710.

87 JAYCO MOTOR HOME - 25', rear bath, sleeps 6, cruise, awning, 460 motor, designer series, generator, $32,000 neg. Bob, Ext. 4672.

86 HONDA REBEL MOTORCYCLE - low-rider, 305cc, black, 3k mi., showroom cond., $700 neg. Andrew, Ext. 2012.

86 MAZDA B2000-LX PICKUP - long-bed, ac, p/s, cap & bedliner, am/fm cass., 25k mi., rustproofed, warranty, more, $5,300. 751-8240 eves.

85 LYNX - a/t, ac, p/s, p/b, am/fm stereo cass., more, $2,000 neg. Dale, Ext. 7638.

85 TOYOTA CAMRY LE - 73k mi., all power, am/fm, ac, $4,400. Jim, Ext. 7735.

85 PONTIAC FIREBIRD - 43k mi., white, V-8, 5.0, am/fm cass., ac, T-top, tint, all power, alarm, orig. owner, mint cond., $8,500. Joe, Ext. 7777.

84 TOYOTA 4x4 - king-cab, hit in front, still in driving cond., must be seen, best offer. Ext. 4087.

84 OLDS OMEGA - 2-dr., p/b, p/s, am/fm, ac, 67k mi., good cond., must see, $3,000. Jim, Ext. 4606 or 654-5049 after 6 p.m.

84 DODGE PICKUP - 4wd, ac, a/t, cruise, stereo, cap, tow pkg., alum. wheels. Ext. 3499 or 281-1933.

84 FORD ESCORT - good body, tires & interior, new exhaust system, motor needs work. Frank, Ext. 2314 or 567-5131.

83 OLDS CUTLASS WAGON - p/b, p/s, ac, good cond., runs well, asking $1,400. George, Ext. 2597 or 475-6090 after 6 p.m.

82 OLDS - s/w, a/t, w/o.d., former F.D. chief's car, runs well, $750. Dave, Ext. 2386 or 924-6575.

81 DATSUN 310GX - 5-spd., am/fm stereo, h/b, runs well, excel. commuter car, $1,000 or best offer. Jeff, Ext. 3457 or 727-5194 after 6 p.m.

81 AUDI 500S - a/t, am/fm cass., $1,900; '76 Chevy Caprice Classic, 110k mi., a/t, p/b, p/s, am/fm, $400 neg. Patti, Ext. 4001.

80 DATSUN - runs well, $880. Ext. 3536.

80 DATSUN 280ZX - 5-spd., T-top, loaded, stereo, cellular phone, remote car starter, Diho racing wheels, must see, $6,500. Rich, 754-8053.

79 SUNLINE TRAVEL TRAILER - sleeps 6, new tires, battery & brakes, stands & awning, $4,100 neg. Artie, Ext. 4988 or 325-0743.

79 CHEVY CAPRICE - 4-dr., V-8, a/t, ac, new brakes, shocks, very reliable, few body imperfections, $880. 286-3928.

79 CRYSLER LE BARON - in running cond., $200. Dunning, Ext. 4847 or 732-4068.

79 FORD BRONCO - a/t, 4wd, 35' long, 88k mi., good cond., $2,995. Neal, 286-2435.

77 BUICK CENTURY WAGON - 62k mi., ac, air shocks, new brakes, tires, runs well, $2,000. Don, Ext. 3625 or 286-0428.

77 CHEVY MALIBU - running, good for parts,; tires, 6, P215/75R15, in good cond., all $250. Aron, Ext. 2434.

76 CJ7 JEEP - good for parts, $600. Jeb, Ext. 7607.

74 BUICK OPEL MANTA RALLEYE - 1900cc, 4-spd., collectible only, 2200 imported, very restorable. Dave, Ext. 2386 or 924-6575.

72 VW BEETLE - slightly scorched but otherwise in good cond., $250. Sean, Ext. 7280.

70 MONTE CARLO - parting, fenders, sheet metal, glass, bumpers, lights, interior, some mechanical, doors. Andy, Ext. 7772.

70 CHEVELLE - parts, quarters, trunk, etc., reasonable; '68 Mustang, cream puff, orig., only serious calls, $8,500. Joe, 929-8321.

68 CHEVELLE SS - 396, 4-spd., ground-up restoration, mint cond., $8,500. Ken, 473-7460.

TIRES - 3, 195/75R14, one new, two with plenty of tread, all on GM wheels, $100. Tony, Ext. 3658 or 929-4903.

TIRES - 4, Armstrong, 195R14, 5k mi., on '78 280Z alloy rims, lugs, asking $250; 1 yr. old 280Z air flow meter, $150. Ray, 924-2430 after 5:30 p.m.

JEEP WRANGLER SOFT TOP - factory, tan, for full doors, used 2 summer seasons, hardware, $200. Ext. 3659.

MOTOR - Ford 351c block, mint cond., many new parts, has to be assembled, $700. Keith, Ext. 7427 or 732-1415.

TIRES - 5, mounted on rims, P195/75R14, v.g. cond., $75 firm. Ed, Ext. 4188 or 363-5170.

TRAILER - utility, all steel, heavy duty, 4'x6', 16" tires, donut hitch, $350. Jim, 234-9630.

FIREMAN'S BLUE LIGHT - xenon strobe, plastic housing, suction mount, lighter plug-in, $10. Joe, pager 0925 or 728-1859 eves.

Boats & Marine Supplies

31' CORVETTE CLASSIC SLOOP - shoal draft, cruising equipped, PT4 wheel, VHF, 7 sails, Barients, asking $16,000. McGeary, 363-2796.

28' CAPE DORY SAILBOAT - 1975, Volvo diesel, fully equipped, includes cradle, asking $23,000. Paul, 734-6605.

28' PROWLER TRAILER - 1987, self-contained, never driven on road, excel. cond., asking $9,900. Diane, 567-6853.

10' BASS BOAT - electric motor, battery, seats & flotation cushions. 234-9630.

21' BONANZA CRUISER - 1978, w/1986 225-h.p. Evinrude, PT&T, s/s prop., VHF, DF, head, low hrs., excel. cond., $5,800. Al, Ext. 2173.

19' REINELL - fiberglass deep-vee, I/O, needs work, hull excel. cond., $300. Bart, Ext. 3457 or 924-6761.

19' BOWRIDER CRUISER - 1972, w/1976 115-h.p. Johnson, Coast Guard pkg., trailer w/electric winch, $3,000. Frank, Ext. 2314 or 567-5131.

Furnishings & Appliances

KITCHEN TABLE - & chairs, formica, $10. Janet, Ext. 2345.

WATER BED - king size, waveless, 6-drawer, pedestal, mirrored headboard, $400. Bob, 744-4879.

KITCHEN CABINETS - 10' wall & base w/range hood & countertop, white cast-iron sink, $100; antique china cabinet w/glass, $325. 751-8240.

BED FRAME - adjustable, w/fancy headboard, $15. 732-2720.

CABINETS - approx. 15' of base & wall units, all wood, walnut panel design; antique oak baker's cupboard w/scoop bins, flour sifter, etc. 929-4787.

DINING ROOM SET - round table, beechwood, 4 cane chairs, $135; gold velvet chair, carved wood, high back, w/side arms, $75. 874-3129.

DRESSER - 3 drawers, 29"w x 28½"h, wood grain, excel. cond., $45. Ext. 4863.

SOFA - loveseat, chair & ottoman, excel. cond., $500. 821-2886.

RATTAN WALL UNIT - 76"h x 44"w, good cond., $300. 475-2509.

WASHER - Kenmore, portable, 1-spd., 2 cycles, straight vane agitator, lint filter, etc., good for apt., $150. O. Booker, Ext. 3082 or 727-5912.

FREEZER - Amana, 16 cu. ft., upright, good cond., $75. Bert, Ext. 5156 or 581-4436.

AIR CONDITIONER - Panasonic, 6000 Btu, 1988, $275; 3-piece wall unit, $525; Viacom cable descrambler, $95. Cliff, Ext. 4713 or 563-8931.

LIVING ROOM SET - 2 pieces w/3 tables, very good cond., $675. Nancy, Ext. 3309.

Tools, House & Garden

COMPRESSOR - Scales, 2 h.p., brand-new head & motor, 30 gal. tank, 125 psi, $200. Ray, Ext. 4407.

SNOW PLOW - frame, lights, fits CJ7 Jeep, $600. Jeb, Ext. 7607.

PICNIC TABLE - round, w/4 curved benches, $100. 589-0625.

AIR COMPRESSOR - 3 h.p., 22 gal. tank, used for 2 hours, $275. 475-2509.

LAWN MOWERS - Snapper, very reasonable, push or self-propelled, re-conditioned. Joey, 929-8321.

SNOW FENCE - w/stakes, $20; 5 assorted rolls of wallpaper, $10; framing glass, assorted sizes; storm windows & screens, $20. Kathy, 744-2203.

Sports, Hobbies & Pets

SEWING MACHINE - Singer, portable, old but works, $25. 281-0268.

SLED - $6; ice skates, size 10 & 12, $5. 732-2720.

SKI BOOTS - Lange, woman's size 8, $30; K2 610-FO skis, racing/recreational series, no bindings, 180 cm, $50. Ext. 3065 or 473-1157 after 6 p.m.

PICTURE FRAMES - w/glass; Pentax 35mm camera w/3 lenses; Segal deadbolt. Rick, Ext. 3932.

BICYCLES - boy's & girl's, 20", excel. cond., $35/each. Gwyn, Ext. 7529.

PIANO - Winter Co. spinet, very good cond., $500. 281-0325 after 8 p.m. & wknds.

MUSIC SHEETS - & books, 200, for piano & accordian, $125; man's ice skates, size 10, excel., $8. 878-6637.

SKI BOOTS - Solomon SX81, rear-entry, woman's size 7, white; Raichle Reviva, rear-entry, woman's size 7, white, $50/pair. Karl, Ext. 7977.

PIANO - Conn, upright, French provincial, mahogany, excel. cond., $1,350. Joanne, Ext. 3711.

CAMERA - Sony Handycam, deck, case, complete, $725. Mark, Ext. 5350 or 369-0793.

PUPS - AKC rottweiler, born 12/7. Donna, 281-7942.

Audio, Video & Computer

COMPUTER - Apple Lazer 128, monitor, software, orig. $350, neg. 345-3970 after 6 p.m.

COMPUTER - Macintosh, 1 meg RAM, 2 floppy drives, ImageWriter I printer. 289-8182.

SPEAKERS - bookshelf, 2-way, mint cond., cherry veneer, $75/pair. Bart, Ext. 3457 or 924-6761.

VIDEO GAME SYSTEM - Atari 2600, w/about 30 cartridges, $50. Walt, Ext.9154.

STEREO - Pioneer Quartz, direct-drive, turntable, PL-540, albums, best offer. Georgia, Ext. 2384.

Miscellaneous

BRASS UNICORN - large, $35; large unicorn mirror, $25; 1920's copper tea kettle, $35; large brass horse, $35, more. Kathy, 744-2203.

BABY ITEMS - Graco deluxe bouncing walker, $20; Graco elite stroller, $75; Graco swing/infant carrier, battery operated, $45. Eva, Ext. 4758.

BABY SWING - Graco, w/cradle, $20; walker, $10. Bart, Ext. 3467 or 924-6761.

CLOTHES - man's sports jacket, size 40, $20; wool sweaters, med., $10/ea.; brown jeans, size 36, $10; carry-on luggage, 1 piece, $10. Susan, Ext. 7716.

Free

HOUSE SITTER - avail. for 3 months or part, starting June 1, exp., refs. Gwyn, Ext. 7529.

TABBY CAT - pretty, sweet, female, spayed, with shots. Rob, 298-2166.

Lost & Found

LOST - scarf, red and blue paisley, long, lined silk, sentimental value, reward, lost 2/9, lunchtime. Ann, Ext. 2666.

Car Pools

BOHEMIA-OAKDALE-SAYVILLE - need 2 more drivers for car pool, also can meet at Exit 59 LI Expressway. Frank, Ext. 2314.

Real Estate

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

For Rent

BELLPORT VILLAGE - 1-bdrm. apt., immed. occupancy, $700/mo. incl. util. + gar., beaches, golf, tennis, single or couple. 286-0336.

FARMINGVILLE - efficiency apt., full kitchen, priv. ent., single person, no pets, $425 pays all, 1 mo. sec., March 1 occup. Ben, 698-6436 after 5:00 p.m.

LAKE RONKONKOMA - 1-bdrm. apt., eik, l/r, bath, priv. ent., cable, w/w, own thermostat, 20 min. BNL, ½ mi. LIE, Exit 60, $675/mo. all, 1 mo. sec. 588-2477 after 5:30 p.m.

MASTIC BEACH - 2-3 bdrm. apt., l/r, d/r, full bath, priv. ent., 15 min. to Lab., $700/mo. incl. all, avail. March 1. Jim, 281-2849.

PORT JEFF. STATION - 2-bdrm. house, l/r, kitchen, full bath, very private, ½ acre, $750/mo. + util. & sec., financial & security refs. 473-8637.

RIDGE - 1-bdrm. apt., priv. ent., l/r, eik, new appl., 5 min. to Lab, avail. April 1, no pets, $650 + util. Ext. 5076 or 744-4615.

SELDEN - Village in the Woods, 1-bdrm. co-op, upper unit, eik, d/r, l/r, priv. balcony, ask. $800/mo. + 1 mo. sec. 696-5386.

SHIRLEY - 1-bdrm. apt., eik, l/r, full bath, w/w, $575/mo. incl. util., single, working adult, no pets. 281-1840.

SHIRLEY - 1-bdrm. apt., f/p, walk to beach, $700/mo. incl. all. Matthew, 399-2989 after 5 p.m.

STONY BROOK - furn. room, share kitchen, l/r, laundry, $345 + util. Jim, Ext. 2183.

For Sale

MIDDLE ISLAND - 3-bdrm. condo, 2 full baths, fenced, patio, tennis, pool, 6 mi. to Lab, $107,000. Ext. 3922 or 878-2604 eves.

MIDDLE ISLAND - Spring Lake Golf Course Community, completed new development, ready to build, three 1+ acre lots, market value, $100,000 per lot, ask. $75,000/lot. Ext. 4138 or 751-9096.

RIDGE/SCENIC HILLS - 4-bdrm. Colonial, 2½ baths, eik, d/r, l/r, w/w, gar., deck, ½ acre, minutes to Lab., $169,000. 924-7520.

ROCKY POINT - 3-bdrm. high ranch, l/r w/brick fp, cath. ceiling, d/r, large kit., 2 baths, bsmt., cac, deck, 2-car gar. w/elec. doors, beach rights, 0.34 acre, $154,900. Kochman, 744-1057.

ST. JAMES - spacious, 4-bdrm. Cape, full bsmt. w/20'x25' fin. heated rm., 2-car gar., 8 rms., tax, $2,000, sacrifice at $164,000. Ext. 4138, leave message.

SELDEN - Village in the Woods, 1-bdrm. co-op, upper unit, eik, d/r, l/r, priv. balcony, ask. $72,000. 696-5386.

SELDEN - 3-bdrm. Colonial w/new kitchen, den w/fp, skylight, Andersen windows, ½ acre, pool and deck, $145,000. 698-0574.

SETAUKET - large 4-bdrm. Colonial, bsmt., 2-car gar., igp, ½ acre, close to SUNY, 9 rms., newly carpeted oak floors, appraised at $240k, ask., $206,000. 751-9096.

SHELTER ISLAND - property close to golf course. Ext. 2396.

SHOREHAM - 4-bdrm. Colonial, 2½ baths, d/r, fam. rm., den, oak floors, 2 car gar., full bsmt., fenced yard, $167,000. Anneke, 744-2937.

SOUND BEACH - 3-bdrm. Cape, 2 baths, full bsmt., appl., deck, low taxes, $99,000. Diana, 821-9027.

SPEONK/WESTHAMPTON BEACH - 2 bdrms., 1½ baths, cac, 5 appl., skylights, approx. 1,000 sq. ft., pool, 20 min. to Lab., $139,500. 588-0507.

STONY BROOK - 4/5-bdrm. Colonial, 3½ baths, eik, fd/r, fam. rm., l/r w/wood-burning stove, laundry rm., gar., new boiler, large yard, extras, 3VSD, reduced to $189,990. Mitch, Ext. 4212.

WADING RIVER - ranch, 3-4 bdrms., d/r, 2½ baths, eik, fam. rm., sun rm., deck, part fin. bsmt., 2-car gar., SWR schools, ask. $229,000. 929-4631.

WADING RIVER - artist's 5-bdrm. multi-level contemp., fp, jacuzzi, Jennair, all appl., wooded, decks, pool, possible rental apt., $209,000. 283-0155.

YAPHANK - 2-bdrm. condo, 1½ baths, l/r, d/r, kit., fin. bsmt., f/p, gar., cac, fully carpeted, five appl., pool, tennis, ask. $120,000. Ext. 3954 or 924-2446.

TAMPA, FLA. - Paradise Village M.H.P., 1982 Liberty Mobile Home, 14'x56', 2 bdrm., 1 bath, all appl., cac and heat, awning & shed. Glenn, Ext. 4638.

Wanted

68 CHEVY CAPRICE - for parts. Bob, Ext. 5286.

OLD FLOOR SAFE - will gladly pick up. Artie, Ext. 4988 or 325-0743.

INFLATABLE BOAT - Don, Ext. 5329 or 878-2215.

CONCERNED PEOPLE - to help end world hunger. Eric Hayrl, 821-9453.

BLADE SHARPENER - for electric chain saw. 744-2203.

BABY-SITTER - Cantonese-speaking, for girl 3 yrs. & boy 9 mo., Miller Place, 2-3 days/week, 1-6 p.m. Chris, Ext. 4989, or Elaine, 474-4525.

ANTIQUE OAK FURNITURE - also used machinery, will pay reasonable price. Dick, Ext. 3499 or 589-9103.

In Appreciation

I wish to thank everyone, expecially those employees in Supply & Materiel, for their expression of sympathy during my recent loss. — Collos Lamb & Family

Ads left out of this issue due to lack of space need not be resubmitted to appear in the next issue.