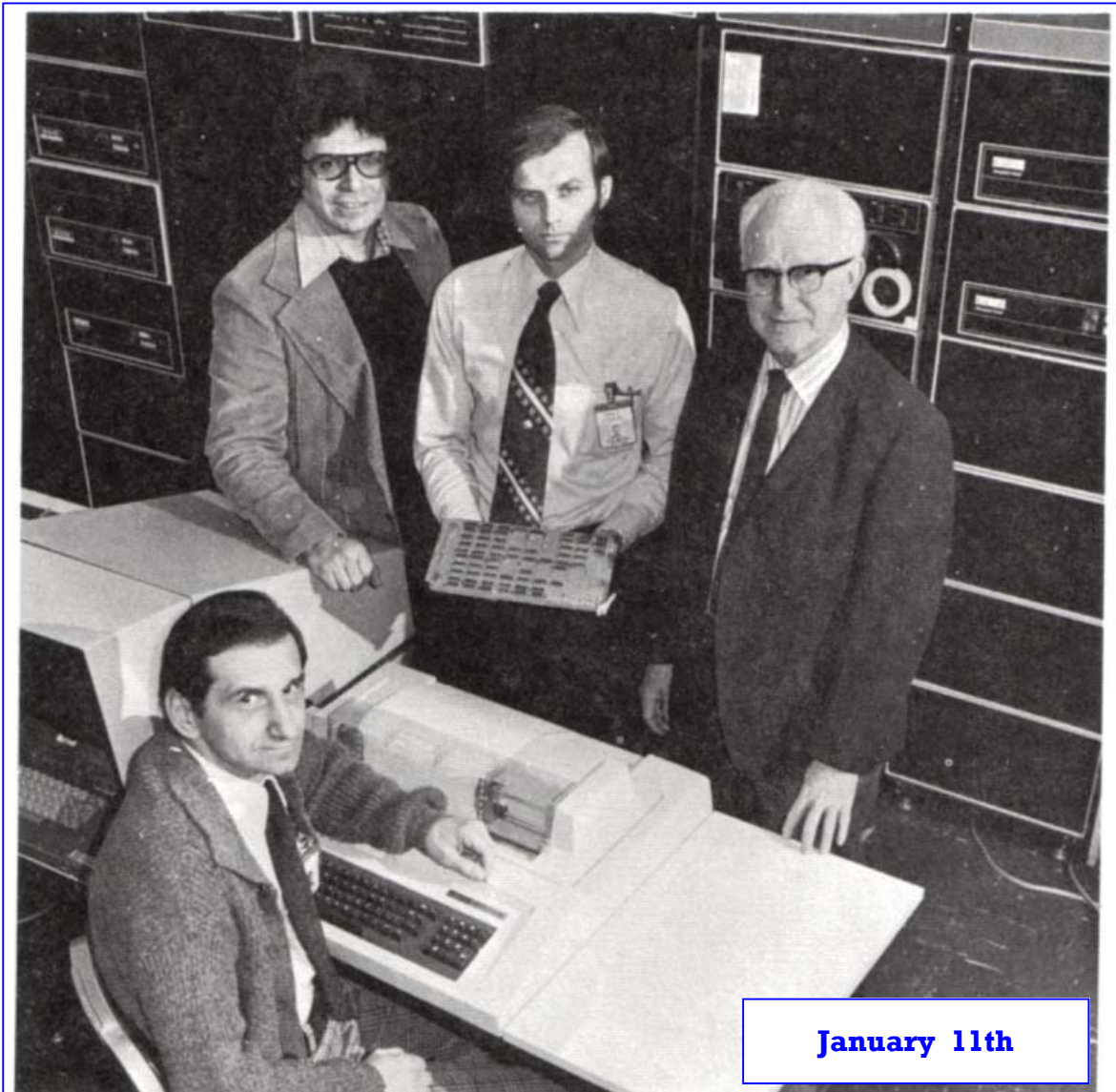




## ELFUN QUICK NOTES 1980

An occasional publication by the Syracuse Chapter of material that would not ordinarily be included in our regular newsletters.

### What Was Happening at Heavy Military in 1980?



*CONTROLLING COSTS AND IMPROVING PRODUCTIVITY are the advantages of using HMED's CADMAT system. Pictured with the equipment and a printed circuit board produced utilizing this computer-based aid are, from left, Coz Lazara, Interactive Graphics Facility specialist; Larry Friedman, a project engineer who is using the system; Fred Stebbins, CAD/CAM techniques engineer; and Ashley Audette, Manufacturing Engineering specialist. HMED recently invested over \$300,000 in new equipment which will add to their CADMAT capability.*

**January 11th**



**SUPPORT SALVATION ARMY DRIVES.** Members of the Syracuse GE Engineer's Association (SGEEA) and the General Electric Foreman's Association (GEFA) helped make the recent Christmas holiday a lot merrier for local needy families. SGEEA volunteers braved cold December winds tending kettles at three local shopping centers and collected \$594 for the Salvation Army's annual Christmas Appeal. Pictured above is HMED's Bob Ruth, one of 20 SGEEA members who rang up donations during the fund-



raising campaign. Answering another call for help the ninth annual GEFA Drive for the Salvation Army netted substantial contributions from its members. The generous contributions were used by the Salvation Army to provide holiday meals for the less fortunate. Shown on the right are, from left, GEFA Drive Chairman Larry Furco, and Santa's helper Judy Woodard presenting the check to Salvation Army City Coordinator Major Charles Drummond.



**INTERNATIONAL BUSINESS WAS TOPIC.** General Manager Paul Teich, Surface-based Electronics Programs Dept., and Marketing Project Manager Hal Mann, at left, share a relaxed moment with MESO General Manager Henry Lehmann and Jim Kovarik, SSR Programs manager, during the recent



**March 7th**

**International Business Development Conference.** At right, Ed Koprowski, program manager for Canadian 3D radar, left, chats with, from left, John Law, IGE-Brussels, Louis Lekos, IGE-Taipei, and Colin Crix, Canadian GE, during a break in the two-day conference.



January 25th



*"AN UNBELIEVABLE RETURN ON INVESTMENT" is what Emil Chasse, HMED manager of Quality Control Engineering, had to say after he won 1,140 Claim Checks in the final drawing of ESD's "Spirit of '79" Performance Improvement Program (PIP). It was unbelievable because the Cost Improvement, submitted by Emil, seated, along with, from left, Quality Control engineer Bob Kennedy and Carl Worden, Quality Control specialist, amounted to only \$550. "The cost savings resulted from deleting and revising instructions in HMED's Quality Control System," Emil explains. "If we never deleted any of the instructions, we'd be overburdened. Because we're surveyed by the customer, we try to trim as many instructions as possible as our needs dictate." Emil adds that "without programs like PIP, there would be little or no motivation for us to control costs. This program keeps the importance of working efficiently visible by giving employees incentives to work more productively." Emil cashed in his Claim Checks for an automatic griddle for his large family, and also picked up a birthday present for one of his daughters. Winners of 120 Claim Checks in the drawing were HMED's Al Meleski and John Margetin, and SEPD's Bill Clement. Don't forget the final event of the "Spirit of '79" Program--dinner at Drumlins followed by an exciting Syracuse University basketball game as the Orangemen take on Temple on Wednesday, January 30. During the evening, the winner of the all-expense-paid trip for two to New York City will be drawn. The fly-away weekend includes dinner at Mama Leone's and tickets to the Broadway hit "Annie."*



**February 8th**



*PLANS ARE NOW UNDERWAY for the seventh annual "On My Own Time" arts and crafts exhibit. So whether your artistic talents lie in painting, photography, ceramics, drawing, sculpture, prints, or sewing, now's the time to start creating your entry for this year's show. Chuck Trabold, HMED manager of engineering design development services, is the chairman of the 1980 exhibit, and is pictured with his winning entry from last year -- a piece of internal carving. If you're interested in participating, why not plan to attend the free "How to Prepare Art for Public Exhibit" training session sponsored by the Cultural Resources Council for "On My Own Time" entrants. The session will be held on Tuesday, February 12 at 7 p.m. at the U-Frame-It Shop, 1100 Oak St. Please bring along a piece of your work.*

## **Employment Office to Curtail Activities**

Beginning Monday, May 19, the Syracuse GE Employment Office in EP 2 will **stop** accepting new applications for unskilled factory jobs. Applications now in the active file will still be considered for future openings.

However, the office will be open to receive applications for all salaried and skilled positions from 8:30 to 11 a.m. and from 1 to 3 p.m., Monday through Friday.

Norm Williams, Manager, Employment and Placement, says that "although Syracuse GE has received many new orders from military customers, the bulk of our personnel needs are in the engineering and not the factory areas. There has been a tremendous increase in the number of applicants for unskilled jobs, and we now have a backlog of over 5,000 applications. We expect that this backlog will more than cover any anticipated employ-

**May 2nd**



*ELFUNS HAVE "CONSTRUCTIVE" WEEKEND. Fifteen members of the Syracuse Chapter of the Elfun Society spent much of last weekend participating in the Camp Zerbe Work Day for the Syracuse Boy's Club. During this activity -- the 1980 Elfun Community Service Project -- raking, hammering, sawing, and many other "constructive" sounds could be heard as the volunteers put a lot of effort into getting the*

*camp ready for this year's season. Pat Flanigan and Lou Izzo headed-up this project which turned out to be highly successful, and Wayne Wiswedel, Syracuse Chapter Chairman and one of the volunteers, said that "hopefully, this will be the start of a close, continuing relationship between Elfuns and the Syracuse Boy's Club."*





# SYRACUSE NEWS

April 11, 1980



AN IMPRESSIVE 38-YEAR GE career recently came to an end for HMED Mechanical Engineering Manager Carl Hundstad. After coming to Syracuse from Schenectady in 1946, Carl was involved with the development of radar from the FPS-17 located in Turkey, to the recently shipped state-of-the-art Belgian 3D.



REVIEWING PLANS FOR THE BUSINESS REVIEW, MESO General Manager Henry Lehmann, right, discusses the agenda with several of the key program people who made presentations. From left are Gary Nelson, Manager, OTH Programs; Jud Gostin, Manager, Advanced Technology Programs; UEPD General Manager Chuck Clarkson; and Paul Teich, Program General Manager, Surface Sensor Systems Programs.



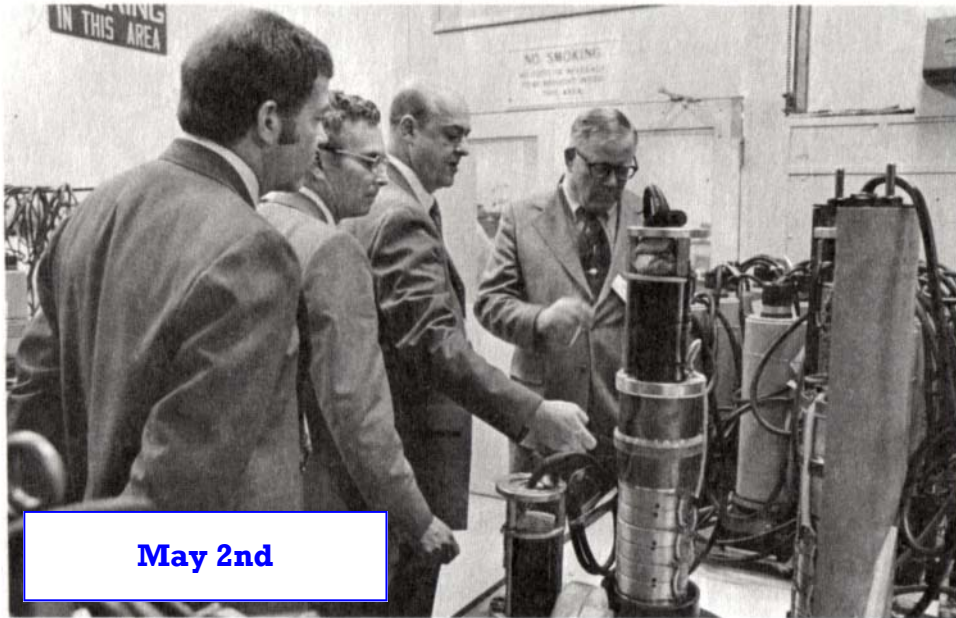
**March 21st**

THREE CHEERS FOR MOD III. Over 200 Syracuse GE people who were involved in the Atlas Radio Guidance Program over the past quarter-century gathered at the Hancock Field Officers' Club last week to celebrate 25 years of dedicated service on this highly successful project -- originally known as the 8014 Project and currently named MOD III. March 5 marked the 245th consecutive, successful launch of an Atlas missile using the GE Radio Tracking System. During the festivities, Lou Rossello, a technical assignment



specialist who has worked on the program since the early days, Len Barker, the original proposal manager, and Bill Chapin the first program manager, were each presented with plaques commemorating their efforts which helped make this project a phenomenal success. During the evening, the three pioneers discussed the project with RPD Surface Sensor Systems Programs General Manager Paul Teich, second from right.





**May 2nd**

**NAVY BRIEFED ON TRANSDUCER WORK.** Rear Admiral Dempster Jackson, Assistant Deputy Commander, Anti-submarine Warfare (ASW), Naval Sea Systems Command, was in Syracuse recently for general briefings on our ASW sonar programs. One of many sonar programs underway here for which he's responsible is the TR-155 transducer order. Part of an order totalling about \$16 million, TR-155 transducer elements are being produced here for the Navy's attack class submarines. During his visit, Admiral Jackson, right, toured the Transducer Products Operation at Farrell Rd. with, from left, Undersea Electronics Programs Dept. General Manager Chuck Clarkson, Sonar Sensors Manager Don Connelly, and John McNeill, manager, Submarine Sonar Programs.

Accidents  
can't be  
erased—  
But they  
can be  
prevented.  
**BE SAFE**

**SYRACUSE NEWS**

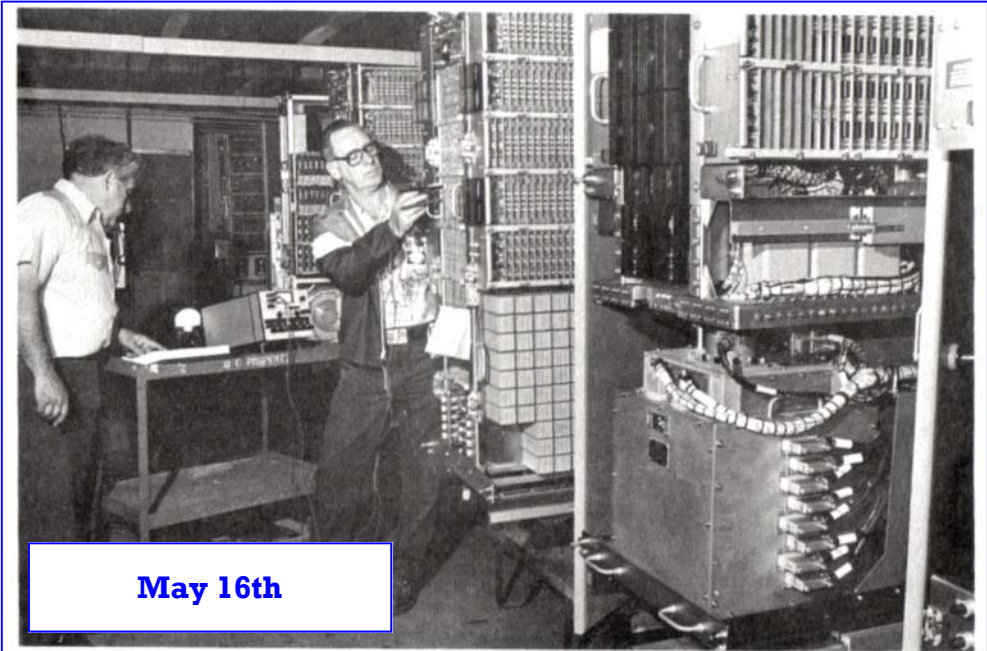
**VOLUME 37 • NUMBER 1**

Published bi-weekly for employees of General Electric Company business in Syracuse, N.Y. Company officers: R.H. Jones, Chairman and Chief Executive Officer, Fairfield, Conn.; W.A. Schlotterbeck, VP - General Counsel and Secretary, Fairfield, Conn.; R.E. Whitmyer, VP and Treasurer, New York, N.Y.

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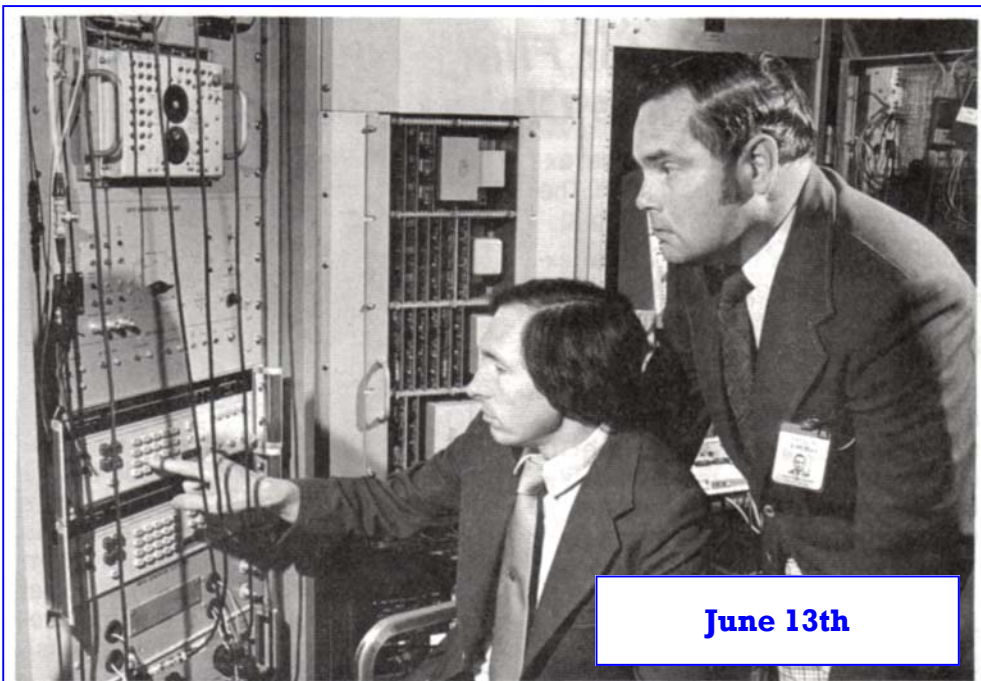
Offices at Court St. Plant  
Building 4, Room 39  
Syracuse, New York 13221



**May 16th**

**FIRST OF THE SONARS** for the new CG 47-class cruisers in systems test at Farrell Rd. is pictured being checked out by testers Angelo Micelli, left, and Jim Eastwood. Now under construction, the USS Ticonderoga will be the first of 10 cruisers included in the Navy's current shipbuilding program through 1984, all of which are expected to be equipped with Military Electronic Systems Operations' SQS-53A sonars. The cabinets shown in the photograph are only part of the big surface-ship sonar system.





**June 13th**

*NEW PROCESSOR FOR AN/SQS-26CX, 53A SONARS. More than 100 U.S. Navy ships currently equipped with Syracuse-built AN/SQS-26CX and AN/SQS-53A sonar systems will soon be benefitting from a new Digital Sector Scan Indicator (DSSI) Processor designed by Undersea Electronics Programs Dept. engineers. Plans also call for the new processor to be part of the sonar systems being installed in the Navy's current Ticonderoga-class cruiser shipbuilding program. Designed to improve tracking capability and bear accuracy, a phototype DSSI Processor recently underwent a design verification test with representatives from the Naval Underwater Systems Center -- a U.S. Navy laboratory. Bob Ruth, senior engineer, left, and project manager Daryl Bonewell are shown with the equipment now undergoing tests at Farrell Rd.*

**CSP Blood Drive Set**

Syracuse GE employees have always responded to a need that gets greater every year -- the need for blood. Blood donations not only benefit our community, but they can also mean the difference between life and death if someone in your family becomes seriously ill or is involved in an accident.

You can be sure that blood will be available to you or your family should the need arise by becoming a regular blood donor. **Come to the Red Cross Bloodmobile when it visits Court St. on Tuesday, April 1 from 9 a.m. to noon in CSP4-19.**

**GEFA Sports Nite Set for Friday, March 21**

The General Electric Foreman's Association (GEFA) will hold its annual "Sports Nite" on Friday, March 21 at Drumlins. Refreshments will be available starting at 5:30 p.m., followed by dinner and the evening's program at 6:30.

Joe Theismann, star quarterback of the Washington Redskins, is the featured speaker this year. Master of Ceremonies is Jerry Flynn, and a number of surprise sports celebrities will be there, too.



**June 27th**

*SEEK IGLOO PROGRAM REVIEW. Representatives from the Electronic Systems Division of the Air Force Systems Command (AFESD) were in Syracuse recently for a review of the SEEK IGLOO program, and an update on the development specifications of the radar. The review resulted from successful completion of the SEEK IGLOO design reviews in preparation for testing -- the next phase of the program. Pictured above at the review are, from left, Lt. Colonel Lew Sitterly, SEEK IGLOO program director, AFESD; Tom Shields,*

*systems engineering manager, Solid State Radar Production Operation; Major Larry Vandiford, SEEK IGLOO Engineering and Test Division chief, AFESD; Major Jim Cobb, Data Processing and Software Development, AFESD; and SEEK IGLOO Program Manager Bruce Cameron. On the right, Cameron presents an artists conception of the AN/FPS-117 to Major Vandiford, right, who will be leaving the SEEK IGLOO program to attend Defense Systems Management College.*



August 22nd



AN/TPS-59 NEGOTIATING TEAM. Pictured with U.S. Marine Corps Warrant Officer Jim Kehn, Naval Electronic Technical Representative, left, are members of the AN/TPS-59 contract negotiating team, from left, Howard Burris, project engineer; John Dreith, program manager; Bob Ryan, finance; Karl Kmentt, marketing; and Gordon Slye, contract administration. Norm Arenander, legal counsel, was not available for the photograph.

## Swap Shop

### RIDE WANTED

**OAKRIDGE TRAILER PARK**, to Electronics Park, 2nd shift. 457-6349

**CAR POOL**, Electronics Park to Cazenovia Area, 8:00 - 4:45. 655-2528

**MATTYDALE TO FRP**, 1st shift. 454-0716

### WANTED

**WHEELCOVER**, for 1975 Chevrolet Impala, 15 inch wheel. 458-2289

**RADIAL ARM**, band, or table saw. 652-6681

**TIRE**, 225/70/SR14 for spare. 638-2702

**GE SCANNER** or other wanted, reasonable. 446-4009

### CARS FOR SALE

'77 **PLYMOUTH GRAN FURY**, Broughm, 2 dr., loaded, perfect cond., 14,500 mi., \$2,900. 699-3778

### FOR SALE

**GE ELECTRIC RANGE**, avacodo, self cleaning, like new. 656-3970

**KNEE HOLE DESK**, solid cherry, excel cond.

August 22nd



CAMP GOODWILL RECEIVES \$3,000 FUND GRANT. During a recent visit to the Chittenango-based camp for handicapped youngsters and senior citizens, Director Bob O'Brien, left, took Fund Board members, from left, Bill Poorman and Bill Merlini on a tour of many of the facilities in need of repair or modernization.

## Stock, Fund Prices

Here is the Stock Price and Fund Unit Price for the month of January, 1980, under the GE Savings and Security Program. **The Stock Price for January was \$53.625 and the Fund Unit Price was \$29.217.**

The Stock Prices and Fund Unit Prices are used in crediting accounts of participants in the General Electric Savings and Security Program.

The "Stock Price" is the average of the closing prices for GE Stock on





**July 11th**

PRODUCTION IS PROCEEDING ON SCHEDULE at Farrell Rd. for the U.S. Navy on the first of a possible 116 Passive Equipment Cabinets (PEC). When installed aboard Navy ships equipped with Syracuse-built AN/SQS-26/53 sonar systems, the PEC will add important, new passive detection capabilities to these highly reliable sonars. According to Bob Markes, Surface Ship program manager, the PEC program team is submitting a proposal later this month which will extend production of the unit through 1984. Shown with the first PEC production unit which recently began extensive systems tests are, from left, Sam Hough, Bob Cameron, Charlie Winger, and Bob Machell.

**Special GE Employees' Store Market Test Begins Monday, August 25**

**New!**  
Full Feature Mini AM/FM Radio Cassette Recorder

**Model 3-5227**

**Limited Quality... Limited Time Offer**

**Suggested Retail Price . . . . . \$102.95**  
**Regular Employees' Store Price . . . . . \$ 71.97**  
**Pre-Introduction Market Test Price . . . . \$ 42.97**

**Minutes Count in EMERGENCIES**

In the event of **any** emergency on company property here, it's vitally important to **call 2111 immediately (2-2111 for CSP and FRP)**. Be sure to give your exact location and stay on the phone for further instructions.



**August 22nd**

NORTH AMERICAN AIR DEFENSE WAS TOPIC. Colonel Ross Buskard, Director of Air Plans, Canadian Forces, and Lt. Colonel Bob McKendry, Section Head, Air Requirements, and staff were in Syracuse recently for discussions with Military Electronic Systems Operations (MESO) people on the status, concepts, and plans for North American Air Defense. The two-day session, consisting of briefings on MESO's solid-state and Over-The-Horizon radar products, a look at GE 592 radar hardware in production at Farrell Rd., and a demonstration of the AN/TPS-59 tactical radar at Court St., was designed to generate information on Canadian air defense options and how MESO could fulfill these needs. During the AN/TPS-59 demonstration, from left, Ed Koprowski, Canadian 3D Radar program manager, and Bill Wingfelder, Solid State Radar Programs Sales, gave a brief explanation of the radar's high-technology components to Col. Buskard, Lt. Col. McKendry, and Major Fred Aldworth, Air Plans.



## Class "X" TV Store to Take a Vacation July 25

The Class "X" TV Store, located in the Fazio Building on Old Liverpool Rd., will close for vacation on Friday, July 25 at 4:30 p.m. and will reopen at 10 a.m. on Monday, August 18.

Class "X" Store supervisor Tony Lucisano says "we appreciate your patronage during the year, and look forward to serving your TV needs after vacation."

Stop in and see the great values on Class "X" GE television sets during the store's regular hours: 10 a.m. to 1:30 p.m., and 2:30 to 4:30 p.m., Monday through Friday.



**December 5th**

REPRESENTATIVES OF THE UNITED KINGDOM were in Syracuse recently to review progress on two solid-state radars being produced by Military Electronic Systems Operations. Seated, from left, are Stanley Braithwaite, UK Ministry of Defense program manager; Ronald Woodhams of the British Embassy in Washington, D.C.; and William Whellams, project engineer for the Ministry of Defense. Behind them are contract administrator Frank Wheeler, left, and Program Manager Ray Ostinett, both of Solid State Radar Programs. The advanced, computer-managed radars will be installed in Scotland in 1982 as part of a North Atlantic Treaty Organization (NATO) air defense modernization program.

**December 19th**



DCASMA REVIEWS MESO RADAR, SONAR PROGRAMS. Representatives from the Syracuse office of the Defense Contracts Administrative Services Management Area (DCASMA) were at Court St. last week to review Military Electronics Systems Operations (MESO) radar and sonar work now in production, and what may be in store for the future. DCASMA is a local agency responsible for the government's management and administrative functions of all defense contract work being performed by companies in Syracuse and the surrounding area. Going over details of the meeting are, from left, Paul Teich, Program General Manager, Surface Sensor Systems Programs; Jim Kovarik, Program General Manager, Solid State Radar Programs; MESO General Manager Henry Lehmann; and U.S. Air Force Colonel Earl Carr, DCASMA Commander.

## ESD Bake Tomorrow

If you're an ESD employee who has an appetite for the bivalve mollusk, then tomorrow is your lucky day! It's the 28th annual ESD Clambake, Saturday, June 28 from noon to 5 p.m. at Hinerwadel's Grove in North Syracuse.

If you haven't purchased your tickets, there's not much time left. Tickets to this gastronomical extravaganza are priced at \$12 for ESD employees and one guest. Admission for each additional guest is \$20. Get yours now!



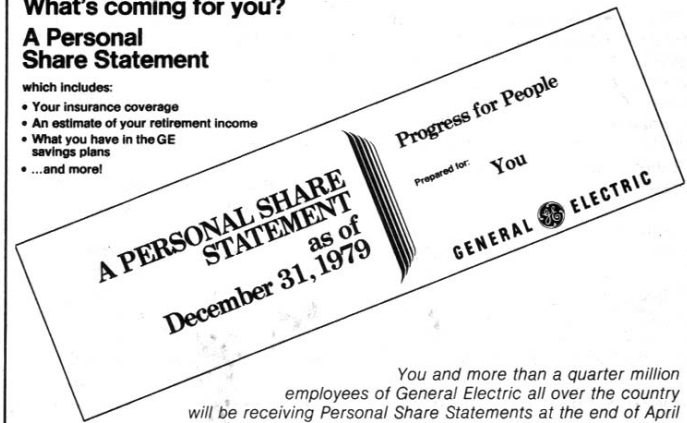


**December 5th**

*NAVY HONORS AN/BQN-3J TEAM. During his recent visit to Farrell Rd. to present the FBM flag, Capt. Tom Bush, pictured on the left, representing the Navy's Strategic Systems Projects Office, commended the AN/BQN-3J depth-sounding sonar team for their outstanding performance in the design, manufacture, and testing of this equipment. On the right,*

**What's coming for you?  
A Personal Share Statement**

- which includes:
- Your insurance coverage
  - An estimate of your retirement income
  - What you have in the GE savings plans
  - ...and more!



*You and more than a quarter million employees of General Electric all over the country will be receiving Personal Share Statements at the end of April and the beginning of May. The statement includes information on your stake in GE employee benefits. Study it and keep it with your personal records.*

THE WHITE HOUSE  
WASHINGTON

National Engineers Week  
February 17 - 23, 1980

During the observance of this 30th Annual National Engineers Week, I send warmest greetings to the Nation's professional engineers.

Your 1980 theme, "Engineers -- Our Renewable Resource," is most appropriate at this time in our country's history. We are moving into an era when much of our economic growth, and the future of our society in general, will depend on the knowledge, ingenuity and skill of our engineers. It will be through your efforts that we will be able to conserve limited resources, discover new ones and find ways to use all our resources to sustain new growth and opportunity.

You are our best hope for translating the theories of scientists and the promises of politicians into those products and services that can truly meet the needs and expectations of our people.

We deeply appreciate your past achievements and urgently need your future contributions to our national well-being.



*Capt. Bush, left, discusses the program with, from left, Military Electronic Systems Operations (MESO) General Manager Henry Lehmann, MESO Shop Operations Manager Bob Hanschke, and Sperry Vice President Norm Meyer. Sperry is the prime contractor and system manager for the POLARIS, POSEIDON, and TRIDENT navigation systems.*