

# melpar-a-graph

MELPAR A Division of LTV Electrosystems, Inc.

Volume 15, Number 5

December 1970

## New Orders Through November Total \$14,000,000

New orders received thru the middle of November 1970 total approximately \$14,000,000. This compares most favorably with the \$7,500,000 for the like period of 1969 for those laboratories and departments which now comprise the Melpar Division of LTV Electrosystems, Inc.

The largest contracts involve work for the Air Force and Army and represent technologies that have outstanding potential for future growth.

## Additional Employee Benefits

Starting with Christmas 1970, Melpar is adding ½ day before the Christmas holiday as a regular holiday. This means that this year we will work only until noon on Thursday, December 24th.

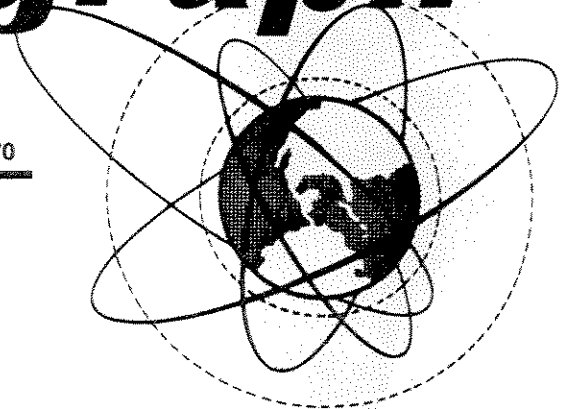
For non-exempt employees we are re-instating accrual of sick leave to a maximum of twenty days. All unused sick leave earned in 1970 may be carried over into 1971. The annual accrual rate will remain the same: three days for the first year of service and six days for each year thereafter.

### Holiday Schedule

Thursday, Christmas Eve, December 24th, hours of work 8 a.m. to 12 noon. No morning or noon cafeteria services on this day.

Friday, December 25th — Christmas Holiday

Friday, January 1, 1971 — New Years Holiday



## Christmas Party December 13th

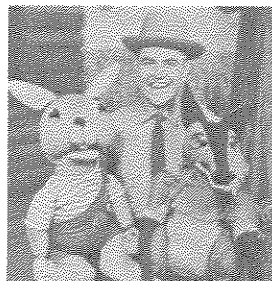


**PARTY PLANNERS . . .** Plans for Melpar's Annual Christmas Party are underway. The date is Sunday, December 13th, from 2:30 to 4:30 p.m., the place, the cafeteria.

Party chairman Louise Hobbs (seated right) goes over plans for decorations and entertainment with her assistant, Betty Creel (seated left).

Hot Shoppes Cafeteria representatives Jewel Bonham (back row right) and Bob Sowder (left) review the refreshment menu which will again be furnished courtesy of the Hot Shoppes, Melpar's cafeteria caterers.

Checking out Santa's suit to be sure everything fits are his helpers, Hank Glittenburg (standing second from right) and Frank Cote' (left).



**RANGER HAL AND FRIENDS**

Santa Claus will be on hand with gifts for the children and entertainment will again feature TV and radio personality Ranger Hal and Friends. This year he brings a folk/rock group, the "P.R.T.", Mike the Clown and Oswald the Rabbit.

Bring your camera along as pictures may be taken on this special occasion.

Use the north parking lot and enter through the north door only. See you at the party!



**THE "P.R.T."**



"YOU SHOULD HAVE SEEN THE ONE THAT GOT AWAY!" ... Technical Editor Donald Jarrett (center) estimates the size of the fish that got away to Manager of Publications William Cradlin (left) and Editorial Supervisor William Hux. Mr. Cradlin's estimate is more conservative and Mr. Hux demonstrates his estimate between two fingers. Mr. Jarrett retired on October 23rd after nine years service with Melpar.

He joined Melpar after completing 29 years with the Army Corps of Engineers. He spent several years in the China-Burma-India theatre on the construction of the Ledo Road. This road was a 1100 mile supply line across North Burma connecting with the old Burma Road. It was used to get supplies to Generalissimo Chiang Kai-Shek. Don also served in Europe where he pioneered the establishment of the Chinon, France, engineer base depot.

Mr. Jarrett has retired in Sebastian, Florida, where he has a new home at 462 S.W. Avocado Avenue. He plans two major activities after he completes the landscaping on his new property — fishing and loafing. He took along his 18' outboard motorboat to assist in his fishing activities in Sebastian Inlet.



**REDSKIN MASCOT OF THE WEEK ...** Meet Paul Cicotello, 8 year old son of Design Engineer John Cicotello, and Mascot for the Redskins game on October 25th. He won the honor of being Mascot by a random drawing conducted by the Hecht Company. Paul was a good influence for the Redskins, they won the game with the Cincinnati Bengals 20 to 0! Maybe they should have made him a permanent mascot!

Paul belongs to the Cub Scouts and is in the 3rd grade at Holy Spirit School in Annandale.

## Going Up!

Recognition for recent promotions to higher classifications goes to the following:

**J. M. SYLVESTER**  
Electrical Engineer

**W. A. BURKE**  
Senior Sub-Contract Buyer

**J. C. WATTS**  
Senior Engineering Technician

**R. C. MURPHY**  
Senior Metrology Technician

**R. O. WEBB**  
Senior Clerk Typist

**F. V. MONCH**  
Light Assembler 1/c

**E. R. BUCHANAN**  
Senior Accounting Clerk

Congratulations to each of you!

## J. W. Crowley Elected Vice President LTVE

James W. Crowley was elected a vice president of LTV Electrosystems, Inc., at a meeting of the board of directors on November 23rd in Dallas.

Mr. Crowley has been corporate general counsel for Electrosystems since joining the company on April 6, 1970. As vice president-general counsel, Mr. Crowley reports to John W. Dixon, chairman of the board and president, and will have responsibility for direction of the legal affairs of the corporation and its divisions and subsidiaries.

Prior to joining Electrosystems, Mr. Crowley had spent 14 years in corporate law and direction of legal departments of various corporations, the most recent being secretary, corporate legal director for the Susquehanna Corporation of Alexandria, Va., following 11 years with Atlantic Research Corporation, where he was secretary, legal manager and counsel.

## LTV Electrosystems To Pay Dividend

LTV Electrosystems, Inc., will pay a cash dividend for the fourth quarter of 7½ cents per common share on Dec. 29, 1970, to shareholders of record Dec. 15, 1970.

John W. Dixon, chairman of the board and president, said that a dividend of the same amount was paid for the third quarter on Sept. 29, 1970, when dividends were resumed.

## WATCH OUT FOR THE OTHER GUY



**Drive Defensively!**

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## MELPAR MOVES INTO ORIGINAL BUILDING

Under the direction of Eugene Paine, Manager of Maintenance, plans and moves are nearing completion for the Melpar Division of LTV from the Annex into the original Melpar building. Ten year leasing arrangements are in process.

Employees of American-Standard moved to the Westgate Industrial Park on the weekend of November 21st.

New locations have been established for the Material Directorate on the main level, northwest corner.

Personnel and Security are located in the original Personnel area off the main lobby.

Data Processing, Publications, Library, Marketing Services, and Contract Administration are located on the left of the main corridor.

Payroll and Accounting have moved back into their original area on hallway to the west of the main lobby.

Front offices vacated by American-Standard are being occupied by Dr. R. B. Power, Vice President, Engineering and Research, Ira Apter, Director of Manufacturing and John Knapp, Director of Contract Services.

The Ordnance Department has moved to the lower floor area recently vacated by Special Products and Mechanical Inspection will occupy their previous location in the Main Building.

Remaining in their previous locations are Manufacturing, Stock Rooms, Shipping and Receiving, Drafting, Electronic Warfare, Communications, Quality Control and the Photo Lab.

Future occupants of the Annex Building have not been announced by the new owners of the property.

Parking arrangements will be announced in full detail in the next few weeks. Meanwhile, blue and red parking spaces will continue to be reserved for holders of blue and red stickers.

### PATRONIZE YOUR CAFETERIA

Reminder . . . breakfast is served from 7 a.m. to 7:55 a.m. daily.

**GIVEAWAY** . . . Imagine the joyful response of the person who was the 4-millionth visitor to the South Vietnam pavilion at Expo '70.

His prize was a one-week visit to Vietnam.

## Giant Satellite Communications Antenna System Contracts Awarded To LTV Electrosystems, Inc.

LTV Electrosystems, Inc., has been awarded contracts for construction of a giant satellite communications antenna system designed to link 75 nations who are members of Intelsat with an audio-visual system using orbital satellites.

John W. Dixon, chairman of the board and president of Electrosystems, said the contracts for the 98-foot diameter antenna system are with ITT Space Communications Inc. The latest system will be built in the Democratic Republic of the Congo near the city of Kinshasa, Mr. Dixon said.

## The Patent Picture

Lab Manager Edward M. Connelly, for the fifth time since he has been with Melpar, has been listed as the inventor on a patent awarded by the U.S. Patent Office.

This patent, "Trainable Logical Element Having Signal Path Solidification Capabilities", which was issued to ASI relates generally to machine intelligence systems of the type which are self-organizing; generally referred to as learning networks or trainable networks. The trainable logical element covered by the patent includes a solidification circuit so that logical paths and functions can be "grown" in a network and enables fabrication and organization of large self-organizing networks.

## Smarten Up For Winter Driving

(The life you save could be your own.)

In winter, the National Safety Council points out, accident hazards multiply at a furious rate. Prepare your car for winter. Respect the road you're on. And most important, PREPARE YOURSELF for winter driving, and you will greatly increase your chances of reaching your destination in one piece, under your own power, and alive.

It's hard to avoid what you can't see clearly. One of the best winter driving tips you'll ever get is not to compromise with *poor visibility*. If you find yourself half blinded by snow or sleet, don't play the hero. Pull over and park. Better still, don't start out in the first place.

Be doubly alert when the sun goes down. Travel deaths are more than 2½ times higher at night than by day. Watch for sudden changes in road surfaces. Smooth shiny blacktop ices more readily than other road surfaces.

Don't make the mistake of assuming that weather must be freezing to be treacherous. *Wet ice is more hazardous than solid ice.* At 30 degrees it's twice as slippery as it is at 0 degrees.

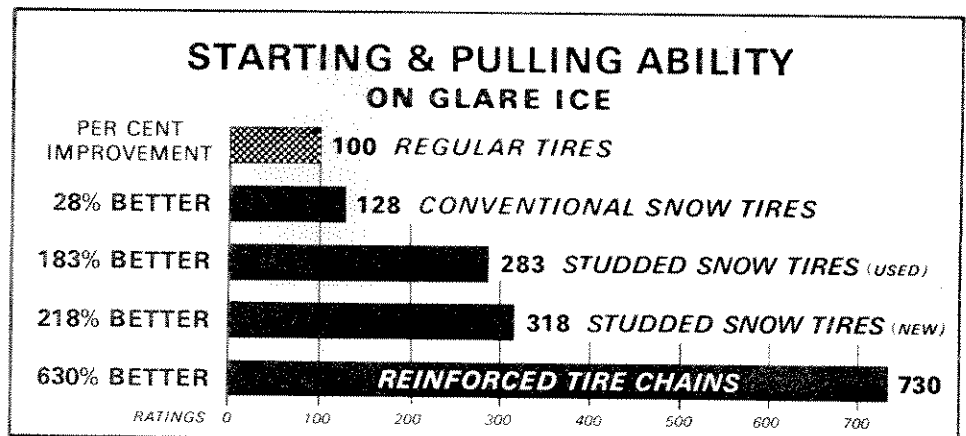
The main trick on snow or ice is to do everything gradually. Drive slowly, steer slowly, accelerate slowly, brake slowly. Take your time when you turn.

If you skid despite your caution, think . . . don't panic. Avoid sudden action. Stay off the brakes and turn the steering wheel in the direction of the skid. When you feel you have steering control apply power very slowly.

The safe winter driver should always keep three things in mind:

1. The car will be difficult to stop.
2. It may be difficult to steer — reacting slowly or skidding.
3. The brakes must be used with great caution.

Think winter safety, and you'll drive a lot more safely.





## Congratulations . . .

are in order for **Raymond L. Hawkins**, Senior Electrical Engineer, who recently received his Master of Science degree in Electrical Engineering from The George Washington University. He accomplished this significant achievement through Melpar's Tuition Reimbursement Program.

## Sick Call News

**Jeanne Berry** is recuperating nicely following recent surgery at Northern Virginia Doctor's Hospital.

**Esther Daacke** has returned to work after being hospitalized with a severe laceration to her leg which required skin grafting.

**Lucille McVay** has recovered following hospitalization for a blood clot in her leg.

**Genevieve Cooper** has returned to work after spending several days in the hospital for diagnostic purposes.

**Carl Hill** is back on the job after a long recovery from a disc operation.

Executive Secretary to the President **Athlynn Williams** remains in critical condition in Alexandria Hospital following an automobile accident. Athlynn suffered severe head injuries in a head-on collision in Alexandria the night of November 10th.

Melpar employees who donated blood for Athlynn included **John Adams**, **Sally Mitchell**, **Sam Feild**, **Arnetta Dixon**, **Lilly Cox**, **George Marchaza**, **Al Garnett**, **Linda Wright** and **Dottie Nicholson**.

**Eleanor Duncan** expresses her gratitude to the Melpar and American-Standard employees and members of their families who recently donated blood for her husband. They were **John Dunivin**, **Diane Loental's** husband **Dave**, **Tom Virnelson**, **Frank Bateman** and **Gloria Dukes**.

## Eight Honored At Pin Luncheon

The fourth quarterly pin luncheon of 1970 will be held in the cafeteria on December 16th.

Eight employees will be honor guests to receive their service pins.

Two will receive 20-year pins, and six celebrate 15 years of service with the company. Department heads will accompany the employees and present them with their Melpar service pins.

### TWENTY YEARS



F. E. BOYKO



R. V. OVERTON

### FIFTEEN YEARS



W. P. CLEMENTS



R. B. DAVES



M. H. LLOYD



F. M. LUCAS



G. C. SMITH



W. M. STONE



Virginia "Ginger" Muzidal, daughter of Electrical Engineer Stanley and Mrs. Muzidal of Vienna won the Miss Winchester-Tri-County Pageant over 10 other contestants on November 14th.

Ginger, a lovely 19 year old brunette is a piano major at the Shenandoah Conservatory in Winchester. She recently played the lead in a school performance of "The Sound of Music".

Ginger was sponsored by the Winchester Civitans and is now making plans to compete for the Miss Virginia title.

She is pictured here with the two runner-ups being crowned by Miss Virginia 1970, Jeannette Smith.

Good luck, Ginger! We will be waiting for you in the Atlantic City Miss America competition next year.

