

melpar-a-graph

MELPAR, INC.

A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY

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MELPAR CONGRATULATED ON SUCCESSFUL FIRING OF SCANNER FROM WALLOPS ISLAND

The Company has received a telegram from Honeywell Incorporated congratulating us on our role in the successful firing of NASA's Project Scanner vehicle from Wallops Island, Virginia on August 16, 1966.

The following telegram was received from Honeywell, Inc.:

"HONEYWELL IS PLEASED TO ANNOUNCE THE SUCCESSFUL FIRING OF THE SCANNER FROM WALLOPS ISLAND ON AUGUST 16. WE WANT TO TAKE THIS OPPORTUNITY TO CONGRATULATE YOU AND YOUR SCANNER TEAM FOR THE EXTRAORDINARY EFFORT THAT WAS EXPENDED IN THE ACCOMPLISHMENT OF THIS MISSION."

Melpar's Scanner Team included W. H. Smith, Don Frost, Al Revilla, Andrew Madsen and Leonard Sheeskin.

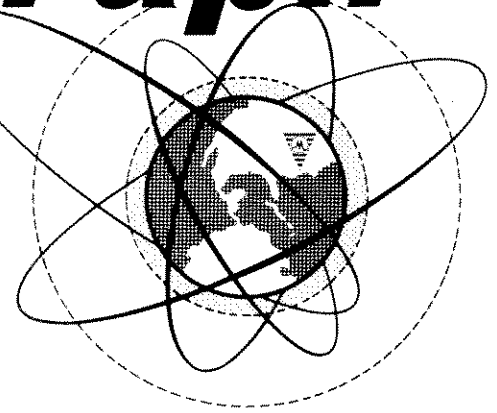
The Instrumentation Laboratory of the Chemistry and Life Sciences Research Center developed and fabricated the Horizon Telescope which was used on board

the Project Scanner vehicle under a subcontract from Honeywell, Inc. The telescope maintained the attitude stability of the scanner payload with respect to the earth's horizon.

The purpose of the mission was to collect data and make infrared measurement of the earth's horizon and to further study the program of using the earth's horizon as a reference to guide a vehicle in space. The mission lasted 13 minutes, a straight up probe of 380 miles.

The program resulted in development of extremely low noise amplifiers and power supplies by Melpar's Scanner Team for use at low frequencies in conjunction with thermister bolometer infrared detectors. Special optical designs were employed to prevent attitude system errors due to solar radiation.

The Horizon Telescopes were subjected to the extreme simulated environments and induced climatic conditions of space and were successfully qualified for space flight in Melpar's Test and Evaluation Laboratory.



Walkley Elected To Board of Directors

Lawrence E. Walkley, President of Westinghouse Air Brake Company (WABCO), has been elected a Director of Melpar, Inc. Mr. Walkley fills a vacancy created by the resignation of Edwin Hodge, Jr., of Pittsburgh. Mr. Hodge continues as a Director of WABCO and is Chairman and President of Pittsburgh Forgings Company.

Joining WABCO in 1957, Mr. Walkley was elected Vice-President-Operations in July 1959 and became a Director of WABCO in January 1964. In April of this year he was elected President.

Dr. Eric A. Walker, President of Pennsylvania State University, is Chairman of Melpar's Board of Directors. Other members of Melpar's Board of Directors are: A. King McCord, Chairman of the WABCO Board of Directors; Jay V. Wilcox, Melpar President; and R. H. Wood, WABCO Vice President and General Counsel.

Melpar became a WABCO subsidiary in 1951.

New Listing of Jobs Eligible For Placement Award Payments

"Award List No. 2" has been posted on Company bulletin boards listing job openings at Melpar that are eligible for placement award payments to employees.

The \$100 placement awards go to any employee who refers an "award eligible" applicant to the Employment Department that is hired within 90 days following his application. Rules that apply to the Employment Department's Placement Award Program were announced by Personnel Director, Dr. T. L. Wood in an all-employee memorandum dated July 22, 1966.

(See Job Placement Awards, Page 6)



FIRST EMPLOYMENT PLACEMENT AWARD . . .
Clarence Endsley, Employment Manager, presents Mrs. Lillian Murphy with the first \$100 Placement Award check for referring an experienced person to fill one of the job openings on the critical requirement list which are eligible for award payment.

EDITORIAL

THE CUSTOMER IS BOSS!

A company executive recently had this to say about the American shopper: "He may not always be right, but he's always the boss." Because business is run on this principle, American shoppers are the envy of the rest of the world.

Why is the American customer boss? Because men possessing the earth's greatest brains and best talents have made him so by trying to discover what he wants, then moving heaven and earth to deliver it to him in variety, abundance, and quality.

The American customer is boss because the mere thought of being able to please him strikes terror in the hearts of America's biggest executives.

PRETTY DEMOCRATIC SYSTEM

Now, if you stop to think about it, this is a pretty grand state of affairs. Who has a better right to power than all 190 million of us. A system that places the power squarely in our hands is a pretty democratic one, you must admit.

Yes, the customer-is-king system is pretty grand. For the customer, that is.

But what about the businesses? The

outfits who must try to forecast and anticipate every desire, need, and whim of the customers who stalk the stores of the nation. It gets to be pretty rugged for them. You see, they are completely dependent on what their customers think of them.

Now we come to the paradox of our story.

INDEPENDENT AND DEPENDENT

As a customer, you are completely independent, but as a working man or woman—with your success tied up with the company you work for—you are completely dependent upon the various customers who buy from us.

Your paycheck depends on them. Your continued employment depends on them. In a free country our jobs depend on how well our business satisfies the needs of our customers.

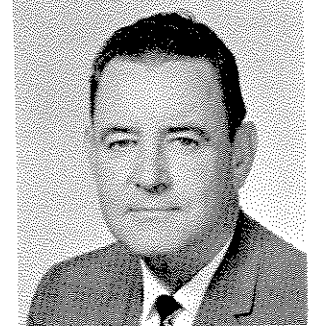
It is a paradox, isn't it? The customer half of you is boss of American industry, but the workingman half of you is bossed by other customers in the land.

It's no exaggeration to say that these other customers—the folks who buy from Melpar—are our real bosses.

Adapted from AIR BRAKE NEWS (WABCO)

Henry Goare Heads Security Department

Henry G. Goare has been appointed Manager of the Security Department succeeding E. M. Lane who retired on September 2, 1966. In his new position, Mr. Goare reports to the Personnel Director, Dr. Thomas L. Wood and is responsible for safeguarding Department of Defense classified information as well as plant security.



Henry G. Goare

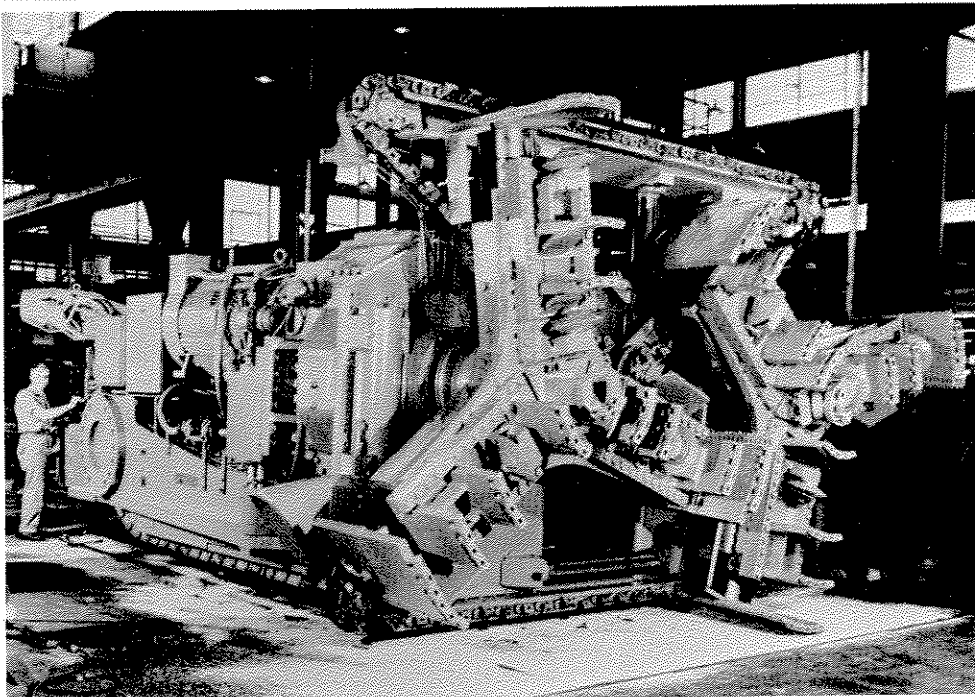
"Hank" joined Melpar in 1962 after 29 years in the U. S. Marine Corps. He came up through the ranks from Private to Lt. Colonel. The majority of his military service as an officer was in logistics where military security was a primary consideration at all times. He resides with his wife Sharon, at Munson Hill Towers apartments in Falls Church. They have a married daughter and a 16 months old granddaughter "Natalie" who is the apple of Hank's eye. His hobbies are hunting and fishing.

MELPAR RECEIVES RECOGNITION FOR 1965 ANNUAL REPORT

Melpar has been selected from among 5000 entries for a "Merit Award" by Financial World for its 1965 Annual Report to Stockholders. The award, given as part of Financial World's 1966 Annual Report Survey, the twenty-sixth sponsored by the publication, qualifies Melpar for consideration for the Oscar-of-Industry trophy.

The design and layout for Melpar's 1965 Annual Report were created by William C. Baumgardner of Melpar's Publications Department.

The citation, received by Jay V. Wilcox, Melpar's President, gave recognition to "the overall excellence of the content and design" of our financial report. Presentation of the Oscar-of-Industry trophy to corporations selected by an independent board of judges will be made in New York City in October.



WORLD'S LARGEST AND HEAVIEST . . . This mechanical monster, with its huge three-fingered claws, will soon be helping the men it dwarfs in size. Manufactured by the Goodman Division of Westinghouse Air Brake Co. (WABCO), this 130-ton behemoth is capable of boring into a solid seam of potash, breaking out the ore and dumping it off its conveyor at more than eight tons per minute. Shipped to Carlsbad, New Mexico to mine potash, a vital element in fertilizers, the "526 Continuous Borer" as it is called is the heaviest and largest piece of underground mining machinery ever made. The new WABCO machine is 11 feet high, 18-1/2 feet wide, and 36 feet long.

NORTHFIELD APPOINTED SPECIAL ASSISTANT TO PRESIDENT

Mr. William Edward Northfield has been appointed as Special Assistant to the President, Mr. Jay V. Wilcox. Mr. Northfield will serve the president in a staff position as both a technical and administrative advisor. Prior to coming to Melpar, he was Vice President of Operations at Wilcox Electric Co., Inc., a Melpar subsidiary located in Kansas City, Missouri.



W. E. Northfield

After receiving his B.S.E.E. and M.S.E.E. degrees in 1957 from Massachusetts Institute of Technology, Mr. Northfield served two years with the U.S. Army Signal Corps. While in service he performed research and development work on reconnaissance systems and also assisted in nuclear testing programs in the South Pacific.

The Northfield's have three children—Christy 6, Wendy 4, and William, Jr., 2. They are residing on Robin Ridge Road, Fairfax, Virginia.

Rapid Transit Train Makes Initial Test Run

Melpar's Transportation Systems personnel made their first "shake-down" test run to New York on August 17th using two of the four self-propelled electric test cars built by the Budd Company for these tests (Actually, each car is really a train since each can be operated individually or coupled together with other self-propelled cars). The trains are equipped with brake valves, controls and cab signals by WABCO.

This was the first of many such test runs which Transportation Systems will conduct during the next two years under Melpar's contract with the Department of Commerce (See April '66 MELPAR-a-graph). The trains are being prepared for the test runs at Cameron Station where, despite the sweltering heat inside the trains, installation of sensing devices, closed circuit TV, and other electronic equipment proceeds on schedule.

These electronic systems have been designed by Melpar personnel to measure the effects of speeds in excess of 150 miles per hour on the train, the track, and the passenger during trips of 200 to 400 miles. According to Transportation Systems Manager, B. D. Smith, "There's not much data available on train travel over eighty miles per hour. We're interested in what happens during sustained high speed." Melpar's contract is part of the federal government's program to upgrade the passenger train. Tests are scheduled to begin in earnest after October 1st.

Right: This smiling group seems oblivious to the 11,000 volts normally received through the pantograph to run the "train." Maybe it's because "it ain't loaded!" Shown left to right, the group includes Jim Fulton, Ernie Golden, E. J. Ward of the Department of Commerce, Bob Cox and Rep. Donald J. Irwin, D-Conn.

Below: (l to r.) Joe Goesser, Jim Wallen, and Jim Durham look on as Wayne Michael makes a final connection prior to the August 17th test run.



Successful Seventh Summer Research Program Ends

August brought to a close another National Science Foundation project. Melpar is one of the five organizations in the Washington, D.C. area who participated in the program co-sponsored by the National Science Foundation and the American University. Nine students and nine teachers took part in a six week program of study with Melpar scientists. All were selected by the Foundation and worked in our Research and Engineering laboratories on subjects in which they had a specific interest.

Other participating organizations included the National Bureau of Standards, Harris Research Laboratories, National Institutes of Health, and the Walter Reed Army Institute of Research.

HUNT APPOINTED COMPTROLLER

John R. Hunt has been appointed Comptroller reporting to J. P. Chambers, Secretary and Acting Treasurer.

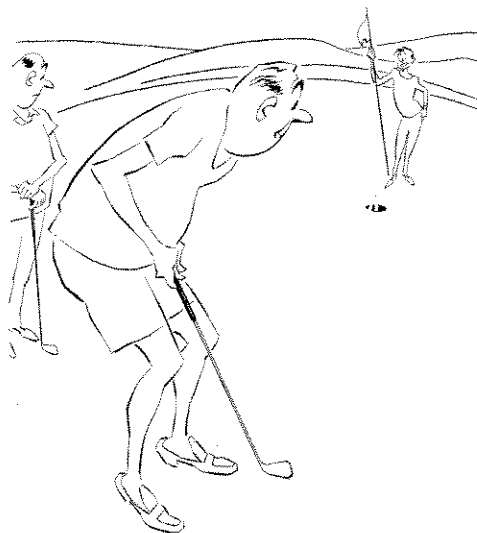
Mr. Hunt comes from a Melpar subsidiary where he held the position of Comptroller and Assistant Treasurer.

In his new position as Comptroller he assumes responsibility for all accounting systems and procedures, custody of assets, control of costs and availability of cash with which to conduct business, reporting payment of all taxes and collection of all accounts receivable, and that very important item called payroll.



John R. Hunt

Mr. Hunt attended Wabash College and the University of Notre Dame. He served two years with the U.S. Navy and is a past president and past national director of the National Association of Accountants. Mr. Hunt resides in Kings Park, Springfield, with his wife Lois and their four children, Linda 14, John 12, Mary 9 and Jimmy 6. His hobbies include golf, sailing, woodworking shop and shutter-bugging.



...be a **PRO!**

Melpar Cited For Accident Prevention

Melpar President, Jay V. Wilcox (right, center) displays the Award of Merit presented to Melpar by the Virginia Manufacturers Association in recognition of Melpar's "outstanding achievement in accident prevention during 1965." Shown with Mr. Wilcox are Melpar's Safety Engineers Steve Bush (left) and Dick Andree (right).

BELOW: Mr. Harper Smith (center), Liberty Mutual Loss Prevention Section Engineer, presents his company's Certificate of Merit to Dr. P. E. Ritt, Vice President-Research, and Dick Andree who accepted the certificate on behalf of Shirley Research employees and the Safety Office respectively. Liberty Mutual made this award in recognition of Shirley Research employees having worked a full year (312,000 man-hours) without a disabling injury.

Credit for these and future safety awards which we may earn belongs to the employees who make them possible. With the continued cooperation of all employees in identifying and correcting accident causes, we will continue to enjoy the best safety award of all—a safe and healthy working environment.



Serrin New Manager of Microcircuits Department

Billy E. Serrin has been appointed Manager of the Microcircuits Department reporting to R. J. Moneyhon, Director of Manufacturing.

As Manager, Mr. Serrin is responsible for all functions involved in the process development and manufacture of printed circuit boards, multilayer boards, and thin-film circuits for in-house projects as well as for Melpar customers.

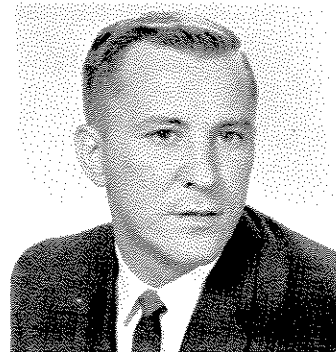


Billy E. Serrin

Billy joined Melpar in April 1955 as an Engineering Aid in the Manufacturing Division. He assumed continually increasing responsibilities in the area of Production Control and was instrumental in organizing from their inception the Production Control systems for the Minuteman Division. Billy attended the University of Maryland and CREI. He resides in Langley Park, Maryland with his wife and their 7 months old baby daughter Vicki Lou. His hobby is golfing.

Zelloe Appointed Manager of Planning and Scheduling

Robert G. Zelloe has been appointed Manager, Planning and Scheduling reporting to A. D. Robbins, Director of Manufacturing Control. In his new position, Mr. Zelloe is responsible for the scheduling and dispatching of all work through Manufacturing shops as well as initiating material procurement and maintaining inventory control.



Robert G. Zelloe

Mr. Zelloe joined Melpar as an Engineering Aid in July 1954 and progressed to Procurement Planner on the MSQ Project. He advanced to Planning Coordinator for several antenna, beacon, and fuze jobs and was promoted to Planning Supervisor in which capacity he served on the Minuteman Program.

The Word on Zero Defects

Zero Defects awards were made to sixteen employees who were selected by the ZD Committees as having made significant accomplishments toward the goals of Zero Defects during the months of June and July. Shown below with ZD Administrator Leonard J. Blumenthal, the June ZD Award winners are, from left to right: Mrs. Jeanine Heath, Personnel; Mrs. Olivia Penney, Finance and Accounting; Mr. Hugh Evans, Operations; Mr. Blumenthal; Mrs. Mary Buckmaster, Marketing; Colonel Perley Everett, Research; and Mr. Rodney Shafer, Engineering. Mr. Charles R. McLearn of Field Services and Mr. Regis Mader of Reliability and Quality Assurance were not present for the picture.

The July ZD Award winners are shown at right. From left to right, they are: Mrs. Elizabeth Huffaker, Research; Mrs. Ellen Wilkerson, Personnel; Mrs. Nora Kirby, Operations; Mrs. Helen Powers, Finance and Accounting; and standing behind our fair ladies is Mr. Charles Barrett, Reliability and Quality Assurance. Mr. Richard Brooks, Engineering; Mr. Donald Wackwitz, Marketing; and Mr. Robert Kilmer, Field Services were not present for the picture.



Jones Appointed Director of Information Services

The Company has announced the appointment of Mr. Richard F. Jones as Director of Information Services. In his new assignment Mr. Jones assumes responsibility for the Company's data systems, forms control, systems and procedures, programming, and computer operations.



Richard F. Jones

He has been assigned an initial objective of completing the design and development of a management information system for Melpar. One of Dick's first problems will be to select the items of management information that should be programmed for a computer system. During the coming weeks he plans to discuss this problem, as well as others pertinent to his area of responsibility, with all elements of management responsible for the generation and use of such information.

A 1947 graduate of Case Institute of Technology, Dick comes to Melpar from the Westinghouse Air Brake Company where he was a member of the corporate staff and Assistant Manager, Systems and Procedures.

Dick, his wife Jeanette, and 16-year old daughter, Deborah, have recently moved to Falls Church. Evan, 19, and Candace, 18, are students at Ohio University.

GOING UP!

Recent promotions included R. L. Tomlinson to Senior Electrical Engineer, Clare Matisans to Secretary, E. V. Martin to Senior Mathematician, J. H. Carpenter to Engineering Assistant, R. R. Gerber to Senior Programmer, F. J. Drummond to Senior Contract Administrator, F. E. Young to Principal Engineer, R. C. Gregorie to Senior Biologist, D. W. Lloyd to Junior Electrical Engineer, C. W. Granger to Design Engineer, L. E. Clifford to Chemical Engineer, J. S. Eatmon to Programmer, and Kathryn Cooper to Senior Personnel Assistant. Congratulations to all!

"WHO IS A PRO?"

We hope that you are—or at least are trying to be! Anyone can be a PRO. Being a PRO is *not* a matter of having a college degree. It is a matter of your attitude, and how your attitude shapes your approach to your work, no matter what your work is. A real PRO is one who:

- tries to do his best because he wants to
- continues to learn new things, new methods, new and better ways of doing things
- works at his own self-development
- asks questions to find out "why," "how," "when," "what"
- has zeal for his work

- uses initiative rather than sitting back and waiting for things to happen
- exercises judgment rather than acting solely on the basis of narrow facts
- feels pride in what he is doing and what he accomplishes
- looks at all things as a challenge
- accepts responsibility for his actions
- always seeks improvement
- performs self-evaluation and self-criticism

Be a PRO to win a ZD award. Better still, be a PRO because then you are the best.

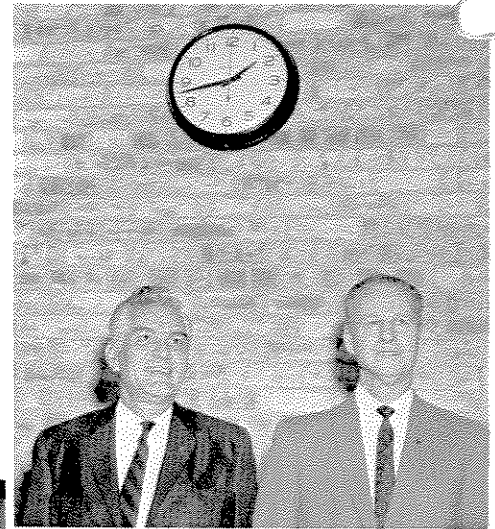
Melpar Awards 500th Ten-Year Service Pin

A. B. Leggett became Melpar's 500th employee to receive the ten-year service pin. Dr. Thomas L. Wood, Melpar Personnel Director, presented the milestone award to Mr. Leggett at the Service Pin Awards Luncheon held on August 20 (see pictures elsewhere in this issue). In acknowledging the 500th award, Dr. Wood noted that we have also awarded 53 fifteen-year service pins to date. Observing that nearly 900 Melpar people have been with the Company for five or more years, Dr. Wood said that Melpar is very fortunate to have such a large and rapidly growing group with this depth of experience to meet present and future demands of our industry.

tick tock . . . 10 years . . . 15 years . . . that's a lot (of service) . . . With the clock marking time overhead, Anthony C. Panolias (l.) and James A. Schoolar (r.) celebrated fifteen years service with Melpar at the July-August Service Pin Awards Luncheon.

Seventeen employees were honored on the same occasion for having completed their tenth year of service with the Company. They are shown (l. to r.): Front row . . . Haywood Sellers, Ernest A. Culver, Doris Buckner, Marguerite E. Henley and Alexander Y. Lee, Jr. Second row . . . Arthur G. Keene, Jr., William C. Drotleff, Clarence E. Perry, and Phillip A. Thompson. Third row . . . George D. Smith, Henry W. Mauldin, Jr., Robert E. Kellogg and Aubrey B. Leggett.

Not present at the luncheon due to other commitments were 10-year employees: Paul McDermott, Calvin W. Showman, William L. M. Hux, Jr. and Almeda P. Woods.



On The Dais . . .

Dr. O. D. Priddle, Jr., Acting Manager of Melpar's Life Sciences Laboratories, was invited by the scientific directors of Shell Chemical Company to address their annual conference in New York City on June 29, 1966. The subject of Dr. Priddle's discussion with Shell personnel was the research capabilities available in the Life Sciences Laboratories since the group had evinced considerable interest in knowing more about Life Sciences at Melpar.

The conference before which Dr. Priddle presented the discussion was comprised of many of the men who determine the nature and scope of the multi-million dollar research efforts of the Shell Chemical Company complex.

Dr. Thomas Owen, of the Life Sciences Laboratory, was an invited speaker at the recent Conference on Infections Control in Institutions, held at the U.S. Public Health Service Hospital, Staten Island, New York on June 21-22, 1966. Dr. Owen's subject was "Plans and Methods of Sterilization and Disinfection." The conference was attended by 165 people representing nursing, medical staff, administration, and engineering disciplines in the hospital field.

Leonard J. Blumenthal, Director of Reliability and Quality Assurance, conducted a five-day course in Quality Control Management August 15-19, 1966 in New York City at the invitation of the American Management Association. As course chairman, Mr. Blumenthal was responsible for organizing, scheduling, and moderating all sessions of the course

Job Placement Awards

(Continued from Page 1)

Under the current "Award List No. 2" (effective September 1, 1966) the following positions are open and qualify for the \$100 placement awards:

Sr. EE's and EE's
Sr. ME's and ME's
Sr. Reliability Engr.
Quality Control Engr.
Test Engineers
Sr. Programmers & Programmers
Fld. Service Engineers
(Overseas positions)

which were presented by ten quality control experts from industry. In addition, he himself presented a lecture on "Reliability Management" for one of the lecture-problem solving sessions in the course.

Engineering Ass'ts.
Clerk Typists
Key Punch Operators
Machinists, all levels
Electrician I/C, (1 opening)
Engineering Technicians and
Test Technicians

This list will be revised on October 1st and placed on Bulletin Boards if critical requirements exist.

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