

24th Annual HONOR AWARDS Program

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PUBLICATION



U.S. DEPARTMENT OF COMMERCE

**24th Annual
HONOR AWARDS
Program**

PROGRAM

October 30, 1972/3:00 P.M.
DEPARTMENT OF COMMERCE AUDITORIUM
Fourteenth Street between E Street
and Constitution Avenue, N.W.
Washington, D. C.

INTRODUCTION

John Will
Director of Personnel

Presentation of the Colors
U.S. Merchant Marine Academy Color Guard

ADDRESS

Peter G. Peterson
Secretary of Commerce

PROGRAM ANNOUNCEMENTS

Calvin J. Collier
Deputy Under Secretary

Silver and Gold Medal Awards

Music by
U.S. Merchant Marine Academy Regimental Band

GOLD MEDAL AWARD WINNERS



Robert B. Voight

*Chief, Data User Services Office
Bureau of the Census*

Mr. Robert B. Voight has made a highly significant contribution to the timely and economical completion of the 1970 Decennial Census. The "Voight" influence in the planning and coordination of the multi-level activities necessary to the Census has been a vital and positive force in accomplishing Department and Bureau goals. His coordination efforts involving other Federal agencies and state and local governments have resulted in a program of Census data delivery to users throughout the country that might serve as a model of user oriented service by a Federal agency. The success of the timely processing of the Decennial data and the continuing efficient delivery of Bureau products to users are due in large measure to the personal efforts of Mr. Voight.



Kurt E. Rosinger

*Director, Industrial Evaluation
Division
Office of Industrial Mobilization
Bureau of Domestic Commerce*

Dr. Kurt E. Rosinger organized the interdepartmental Industry Evaluation Board in 1951 pursuant to Executive Order 10421 and has served as Chairman of the Board since its inception. He developed the analytical techniques that distinguish the work of the Board from other data related functions so that IEB reports provide a foundation for the industrial preparedness structure of the Government. Recently he has devised techniques for vertical studies of critical defense industries to serve better the industrial preparedness needs of the Department of Defense. This outstanding career official has contributed superbly to the advancement of industrial mobilization planning by identifying needed data, organizing its development and appraisal, and directing its preparation for storage and use so that it can be retrieved in relation to other data as a basis for determining emergency actions by the Government for national security.



Seth M. Bodner

*Director, Office of Import
Programs
Domestic and International
Business*

Mr. Seth M. Bodner has demonstrated exceptional talent as a policy advisor and negotiator and has distinguished himself in special assignments of great importance to the national economy. Through his drive, resourcefulness, and imaginative program innovations he has forged an effective organization of a newly created office to carry out in outstanding fashion its operating goals of minimizing the disruption of import competition in U. S. markets and of assisting those industries experiencing difficulties to sustain an economic competitive position. In 1972 he received the highly coveted Arthur S. Flemming award for his significant contributions to successful negotiations of international agreements on wool and man-made fibers with Japan, Korea, Hong Kong and Taiwan.



Eugene J. Kaplan

*Director, Far East Division
Office of International Commercial
Relations
Bureau of International Commerce*

Mr. Eugene J. Kaplan is recognized for outstanding leadership and accomplishments in advancing U.S. commercial and economic interests in the Far East region. These include: (1) authoring a definite work on government-business relations in Japan; (2) providing high-quality support and counsel to policy officials of the Department on complex and important matters involving the Far East; (3) carrying out an imaginative and effective program for informing U.S. business about Far Eastern economic conditions and opportunities; and (4) skillfully using opportunities afforded by his participation in international meetings and negotiations to advance important U.S. commercial interests. Through his ingenuity, his persuasiveness, and his inspiring leadership, he has significantly contributed to the accomplishment of Departmental objectives and has added to the Department's prestige in his field.



Howard F. Casey

*Assistant Administrator
for Maritime Aids
Maritime Administration*

Mr. Howard F. Casey has demonstrated extraordinary talents and leadership qualities in the administration of a number of complex programs involving the construction, financing, and operation of merchant ships as well as insurance, cargo promotion, and administration of the Maritime Manpower Program. Through exceptional initiative and imaginative thinking Mr. Casey has perfected a subsidy payment system to permit parity payments on a current basis; has been a key member on the joint Internal Revenue Service MarAd committee to establish regulations respecting tax deferred incentives for new ship construction; has lent great impetus to the President's 1970 Maritime Program to build 300 new Merchant ships over a 10-year period; and was a key member of a U.S. delegation to the U.S.S.R. to negotiate the use of U.S. flag ships to carry cargoes in the Russian trade.



Raymond Eisenberg

*Head, Department of Shipboard
Training
U. S. Merchant Marine Academy
Maritime Administration
Kings Point, New York*

Captain Raymond Eisenberg has made exceptional contributions in furthering the cooperative educational aspect of the academic effort at Kings Point. Because of this dedicated officer's outstanding organizational ability, his wide-ranging knowledge of the maritime field, and his profound productivity, he has advanced the objectives of the Academy's relatively new Department of Shipboard Training in a superlative manner. His professionalism has ensured that the Academy becomes involved in, and its Midshipmen benefit from, the contacts which have been acquired through his more than twenty-six years of dedicated service.



Margaretta Seay Bell

*Deputy Chief, Information Center
Office of Minority Business
Enterprise*

Mrs. Margaretta S. Bell has been directly responsible for many innovative contributions having nationwide impact in furthering the legislative goals and objectives of the Department's Office of Minority Business Enterprise (OMBE). She has consistently demonstrated an exceptional level of efficiency and dedication to public service; and has demonstrated outstanding professional leadership in the administration of major programs. As Project Director for the First National Conference on Business Opportunities for Women, sponsored by OMBE on June 7-9, 1972, Mrs. Bell's energy, resourcefulness, and managerial ability were significantly responsible for the tremendous success of the Conference. It has received and continues to receive more nationwide publicity than any single effort made by OMBE. Mrs. Bell has emerged as a nationally-recognized spokeswoman on the Office of Minority Business Enterprise's commitment that in order that our Nation fully realizes its economic potential, it is essential that all Americans, including women, have an equal opportunity to participate in our free enterprise system.



Herbert P. Benner

*Radar Meteorologist
National Weather Service
National Oceanic and Atmospheric
Administration
Salt Lake City, Utah*

Mr. Herbert P. Benner has demonstrated unusual initiative, persistence, and resourcefulness in accomplishing the mission of the Department of Commerce, NOAA, and the National Weather Service. His vision and ingenuity in developing a program to utilize the FAA Air Route Traffic Control radars to complete the national radar weather program is most commendable. Further, his diplomacy and resourcefulness were primarily responsible for achieving the interagency cooperation that was necessary to expand this program to provide nearly complete radar weather coverage for the West at a fraction of the cost of establishing independent weather radars. His outstanding efforts in this area have resulted in greatly improved weather service to the general public and many special user groups at a cost considerably less than that to provide the same areal coverage using radars dedicated exclusively to weather surveillance.



Clayton E. Jensen

*Chief, Environmental
Monitoring Division
National Oceanic and
Atmospheric Administration*

Dr. Clayton E. Jensen demonstrated extraordinary organizational ability and technical competence in leading the national efforts, on behalf of NOAA, in preparing for the UN Conference on the Human Environment. Through exceptional initiative he contributed to the formulation of programs on the "Protection from Natural Disasters" for the National Technological Initiative. Dr. Jensen's capacity for hard work and ability to organize task efforts promoted the development of numerous Federal plans and programs in meteorology and supporting research.



Kikuro Miyakoda

*Research Meteorologist
Geophysical Fluid Dynamics
Laboratory
National Oceanic and Atmospheric
Administration
Princeton, New Jersey*

Dr. Kikuro Miyakoda is being cited for his pioneering research on extended range atmospheric prediction with deterministic numerical models. As the leader of the Experimental Prediction Group of the Geophysical Fluid Dynamics Laboratory, he has been engaged in developing the fundamental scientific basis for modeling the large-scale atmosphere appropriate for its variations beyond several days to a week or more. His innovative thrusts have set the worldwide pace for research on this subject and provide a prime element for the Global Atmospheric Research Program (GARP). His contributions have been diverse: in defining the atmosphere's intrinsic limit of predictability, in conducting extended prediction experiments with real data, in determining the data requirements and developing means for optimal extraction of information, and in his modeling innovations both physical and mathematical. Dr. Miyakoda has materially influenced the rate at which global extended range predictions of the atmosphere can be realized operationally.



Joanne Simpson

*Research Meteorologist
Office of the Director, Weather
Modification Experimental
Meteorology Laboratory
National Oceanic and Atmospheric
Administration
Coral Gables, Florida*

Dr. Joanne Simpson has contributed notably in the area of convective cloud research including the modeling of cloud processes and has pioneered in the development of modification of tropical convective clouds. Dr. Simpson's studies of the energetics of the tradewind systems and hurricanes demonstrated the vital role that cumulus cloud processes play through interaction with these circulation systems. As the first Director of Project STORMFURY and then as Director of the Experimental Meteorology Laboratory, Dr. Simpson related massive seeding of supercooled convective clouds to calculations from numerical models, developing a means of systematic guidance for weather modification experiments. Results from field experiments involving massive seeding of cumulus clouds conducted under Dr. Simpson's direction have placed the Project STORMFURY modification hypothesis on stronger theoretical ground, and the work has had important implications for precipitation enhancement.



Charles A. Whitten

*Physical Scientist
National Ocean Survey
National Oceanic and Atmospheric
Administration*

Dr. Charles A. Whitten is recognized for his world-wide leadership in geodesy, especially for advancing new concepts to improve our understanding of crustal motion. His methods for analyzing precise geodetic measurements are effectively contributing to the investigation of large-scale seismic mechanisms, and may some day lead to the prediction of earthquakes. His many scientific writings and positions of leadership in the major national and international geodetic organizations have brought to a sharp focus the interdependency of the earth sciences in all of our programs.



David B. Allen

*Intellectual Property Specialist
Patent Office*

Mr. David B. Allen is recognized for outstanding leadership in domestic and foreign intellectual property programs, for his major contributions to the domestic and international missions of the Patent Office and the Department of Commerce leading to the Patent Cooperation Treaty, and for his contributions in the initiation and drafting of the proposed Trademark Registration Treaty. Since 1966 he has developed a series of international programs in both the patent and trademark fields designed to further and enhance the vitality of U.S. industry at home and abroad and has launched a series of statistical studies and surveys which provided the basis for United States programs in the field of international intellectual property.



Ruth M. Davis

*Director
Center for Computer Sciences and
Technology
National Bureau of Standards*

Dr. Ruth M. Davis has demonstrated rare incisiveness, superb technical competence, and outstanding leadership in formulating and administering the Federal Government's computer science and technology program for applying computers to benefit man and his society. Through her outstanding leadership and her accomplishments in computer technology, Dr. Davis has contributed to improved effectiveness, efficiency, and economy in the Federal Government's use of computers and has enhanced the Nation's ability to make effective use of computer technology in such fields as health care, protection of environmental quality, education, law enforcement, economic productivity, and international trade. She has reflected great credit on the Department of Commerce and enabled the Department to exercise new leadership in the rapidly growing field of computer technology.



Myron G. Domsitz

*Chief, Electronic Technology
Division
National Bureau of Standards*

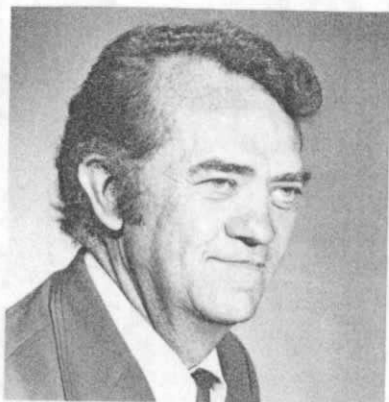
Mr. Myron G. Domsitz is recognized for outstanding achievement in technical management for the organization and direction of a significant technical program concentrating on electronic technology. His electronic technology program has had a major impact in the fields of bulk semiconductor materials characterization, nuclear radiation detectors, and microelectronic wire-bonding operations. He has shown outstanding leadership in bringing this technology to the industrial and government users. His activities with international standards committees have encouraged U.S. manufacturers to take an active role in this important area. His activities on these committees have been an important factor in the improvement of the quantity and quality of U.S. participation on the important electronic instrumentation committees.



Jerome Kruger

*Chief, Corrosion Section
Metallurgy Division
National Bureau of Standards*

Dr. Jerome Kruger has made distinguished contributions to research on the corrosion of metals and alloys and has demonstrated outstanding leadership of groups conducting research in this field. He has instituted new projects and has developed a broad program of fundamental and applied corrosion research on metals and alloys of technological importance. This program includes studies of the kinetics of passive film formation and breakdown, stress corrosion, microbial corrosion, and the effect of environment on the corrosion of structures and metallic components. Dr. Kruger and his co-workers are widely recognized as one of the foremost groups in the country conducting research on corrosion. His own high technical competence and outstanding leadership qualities have engendered international recognition and praise.



James R. McNesby

*Manager, Measures for Air Quality
National Bureau of Standards*

Dr. James R. McNesby is recognized for his distinguished contributions to research on the physical chemistry of materials and to the Measures for Air Quality Program through his outstanding scientific expertise and effective administration of these complex research and development programs. His creativity and foresight were instrumental in directing the resources of these programs to meet the pressing problems of the Nation in such areas as air and water pollution measurement techniques and were instrumental in establishing the National Bureau of Standards as a world authority and leader in photochemical research.



Lewis V. Spencer

*Physicist
National Bureau of Standards*

Dr. Lewis V. Spencer has made outstanding contributions to the development of radiation transport theory and its applications. He has developed accurate, powerful, and versatile methods for calculating the penetration of gamma-rays, neutrons, and electrons through extended media and has successfully applied these to many important problems. One application involved the production of gamma-ray buildup factors which are used extensively throughout the world for reactor shielding calculations. He carried out accurate calculations of the penetration of gamma-rays through complex structures, which formed the basis of the method adopted by the U.S. Office of Civil Defense, in the National Shelter Survey, for estimating protection against fallout radiation. The work on electron slowing down spectra culminated in a theory of cavity ionization chambers which is a fundamental theory in radiation dosimetry. These accomplishments have resulted in worldwide recognition of Dr. Spencer as an expert on radiation transport in nuclear engineering, civil defense, and medical physics.



Joseph G. Coyne

*Chief, Administrative Management
Division
National Technical Information
Service*

Mr. Joseph G. Coyne has demonstrated unusual initiative and leadership in developing the financial stability of the National Technical Information Service. He has also provided outstanding leadership in developing new program activities with other agencies. The user charge program for the sale of other agency technical reports that he implemented with Defense and NASA has avoided the proliferation of individual agency dissemination centers thereby simplifying public access to Federal information. He has developed new relationships between NTIS and over 20 Information Analysis Centers which are likely to serve as a model for a national network of Information Analysis Centers all reasonably self-supporting using the centralized sales and marketing capabilities of NTIS. Mr. Coyne's excellence in financial and administrative management has permitted NTIS to lay a solid foundation for future growth.

SILVER MEDAL AWARD WINNERS

Bernice R. Bowman

*Statistical Assistant
Bureau of Economic Analysis*

Mrs. Bernice R. Bowman has made a significant contribution to the development and maintenance of the quarterly series on U.S. Government foreign assistance. She had demonstrated unusual dedication in organizing, editing, and processing a large volume of statistical data, and she has implemented processing techniques that have improved the accuracy of the final data. This series is an important component of the U.S. balance of payments accounts. It is also a basic data tool needed in analysis related to the administration of foreign assistance programs.

Nora E. Dollymore

*Economist
Bureau of Economic Analysis*

Miss Nora E. Dollymore has contributed significantly to major goals of the United States through the development and conduct of a course in national economic accounting for representatives of foreign governments. Her inspired leadership and teaching of this course for 20 years have improved substantially the ability of the governments of developing countries to plan and implement programs of economic development. The success of this program has reflected credit on the Department of Commerce and the United States.

Willie E. Clark

*Digital Computer Systems Officer
Bureau of the Census*

Mr. Willie E. Clark has made outstanding achievement in management, advancement of employee-

Roger O. Lepage

*Supervisory Survey Statistician
Demographic Census Staff
Bureau of the Census*

Mr. Roger O. Lepage is recognized for his outstanding achievement in directing the preparation of the computer programs for processing the results of the 1970 Census of Population and Housing. This computer processing operation is a massive task performed under severe time pressures—millions of dollars of personnel and computer time are involved in translating an input of thousands of detailed specifications and hundreds of millions of individual facts into an output of billions of statistics. Mr. Lepage personally made many important technical contributions to this operation and, through his professional expertise, initiative, planning, and singular conscientiousness, provided exceptional leadership for his staff in fulfilling their responsibilities successfully.

Thomas W. McWhirter

*Field Director
Data Collection Center
Bureau of the Census
Atlanta, Georgia*

Mr. Thomas W. McWhirter has demonstrated outstanding leadership and management ability in meeting the responsibilities inherent in the continuing data collection activities of the Atlanta Data Collection Center. Although heavy involvement in surveys and censuses which followed the 19th Decennial Census placed severe demands upon his staff, Mr. McWhirter distinguished himself by providing the knowledge and leadership which are so vital in dealing with the challenges of maintaining high quality while developing and administering efficient operational procedures. He has exhibited unique skill and judgment during his 24 years as Director of the Atlanta Data Collection Center in his relationships with leaders throughout the South, thereby enhancing the Census Bureau's standing in the area.

Paul H. Cullen

*Director, Program Management
Division
Office of Business Services
Bureau of Domestic Commerce*

Mr. Paul H. Cullen is recognized for consistently outstanding performance and exceptional efforts in organizing and administering the Operations Division of the Office of Business Services, in establishing basic systems and procedures for implementation of Departmental programs in the Field Service, and in developing techniques for measurement and evaluation of field performance which have led to an increase in field activities at a higher level of professional competence. Of specific recognition is his achievement as manager of the "Commerce Business Daily," which includes an improved format, quality of published procurement data and increased circulation.

Ruth C. Knape

*Program Officer
Special Reports Staff
Bureau of Domestic Commerce*

Mrs. Ruth C. Knape has demonstrated outstanding cooperation and effort in speedily and efficiently developing and coordinating a major study which identified and rated major manufacturing and nonmanufacturing firms needed to implement the President's Economic Stabilization Program. She has continued to give support to the Price Commission and the Cost of Living Council in compiling industry and company data.

Ray Weinstein

*Commodity Industry Specialist
Office of Business Research
and Analysis
Bureau of Domestic Commerce*

Mr. Ray Weinstein has operated with outstanding effectiveness in the Department of Commerce administrative programs, especially in working with the Management Information Division to implement the Project Control System. In this capacity he had primary responsibility for developing Office of Business Research and Analysis project plans for allocating BDC resources according to a time schedule to accomplish predetermined goals. Mr. Weinstein prepared tasks, narrative descriptions, and manhour/cost data for more than 100 projects during both FY '72 and FY '73 which involved over 500 separate project plans each year on an OBRA Division basis. His efforts in this area were responsible for greatly facilitating preparation of the OBRA budget justification.

J. Gordon Berry

*Regional Director
Economic Development
Administration
Philadelphia, Pennsylvania*

Mr. J. Gordon Berry has demonstrated exceptional ability in dealing with natural disasters such as Hurricane Camille and Buffalo Creek Valley, West Virginia. His work has resulted in timely and massive assistance geared toward economic development of the areas affected. His experiences have been valuable to the Agency in meeting recent disasters such as the Rapid City, N. D. flood and the flooding of the East Coast following Hurricane Agnes.

Samuel M. Rosenblatt

*Director, Office of Economic
Research
Economic Development
Administration*

Dr. Samuel M. Rosenblatt has made valuable contributions to the Department and the Economic Development Administration by greatly improving the utility of the Agency's economic research program. Dr. Rosenblatt developed a new process for insuring direct responsiveness of the program to EDA's policy and operational needs. He initiated a highly productive coordinative effort among Federal agencies concerned with regional and national growth policy and established EDA as the nucleus for further research in those areas. Dr. Rosenblatt initiated a series of conferences in which The White House and interested Federal agencies participated. These conferences will be invaluable in the efficient, coordinated development of all Federal research efforts on regional and national growth policy.

Richard J. Miller

*Deputy Director
Authorizations and Reports
Division
Office of Foreign Direct
Investments*

Mr. Richard J. Miller has made an outstanding contribution to the authorizations process of the Office. Acceptance of controls by the multinationals is largely the product of the flexibility afforded by the specific authorization process which facilitates handling of unique investment problems, often on an emergency basis, within the framework of a regulatory program. In processing 2,100 such requests since 1968, Mr. Miller's skill, thoroughness, and commitment to equity have earned the admiration of his colleagues as well as the applicants. His work in-

variably brings him into contact with high corporate officials and some of the Nation's most prestigious attorneys and accountants. The manner in which he renders advice and explains the Office's policies has been outstandingly effective and has brought high honor to the Department.

Kenneth S. Hamilton

*Special Assistant to the Federal
Cochairman
Four Corners Regional
Commission
Albuquerque, New Mexico*

Mr. Kenneth S. Hamilton designed and administered a surplus/excess property program for this Commission. Working with General Services Administration and the Department of Commerce officials he wrote the essential handbooks for administering the program, a program and procedure since adopted by the other Title V Commissions. Since the inception of the program, approximately one year ago, the Commission has been successful in locating and obtaining for the recipients, critically needed material and equipment valued at \$7,000,000. This is more than the program funds appropriated to the Commission for the fiscal year. About \$4,500,000 worth of the material obtained went to the Region's Indian tribes; \$1,500,000 to Spanish-surname communities; and the remaining \$1,000,000 to predominantly Anglo-Saxon communities in our four states: Arizona, Colorado, New Mexico, and Utah.

Gertrude W. Jackson

*Staff Aid
Office of International Trade
Promotion
Bureau of International Commerce*

Mrs. Gertrude W. Jackson serves as Staff Aid in the Office of International Trade Promotion (OITP) where her duties span a broad range of administrative responsibilities of both a continuing and special nature. Working directly with the Heads of the operating divisions, Mrs. Jackson makes recommendations regarding staffing in terms of personnel ceilings, employee qualifications, and performance evaluations. Among her many duties, she prepares reports for the Office Director on administrative activities, processes personnel actions, and plans and supervises the Office's major physical moves. Mrs. Jackson is also making an outstanding contribution in screening, interviewing, and providing counseling to OITP's clerical staff.

ing of Department of Commerce relationships with government and private enterprise factors in the field of international finance such as the Export-Import Bank, the Foreign Credit Insurance Association, the American Bankers Association, the Bankers Association for Foreign Trade, and individual private banks.

Murray P. Rennert

*Supervisory International
Economist
Office of International Commercial
Relations
Bureau of International Commerce*

Mr. Murray P. Rennert's performance for many years has been outstanding in advancing U.S. commercial and economic interests, in providing support and counsel to policy officials of the Department on complex matters important to the national interest, and in contributing importantly to the effective management and performance of the OICR.

S. Stanley Katz

*Director, Office of International
Investment
Bureau of International Commerce*

Mr. S. Stanley Katz is recognized for important contributions to U.S. objectives in the field of international finance and investment, including trail-blazing work on multinational corporations and financing of U.S. exports. He has given outstanding service over many years in the analysis and resolution of matters pertaining to the concepts of international capital flows, the relationships between private and public finance in support of international trade, the insurance of the risks of international financing, and the broaden-

Lucile Robinson

*Chief, Strategic Rating Branch
Policy Planning Division
Office of Export Control
Bureau of International Commerce*

Miss Lucile Robinson joined the export control program in 1941. She has had the prime responsibility for the Department's contribution to the coordinating Committee in connection with the International Trade Controls (COCOM) program since 1967. She has been an invaluable member of the U.S. negotiating team during the COCOM List Review sessions in Paris during 1960-61, 1968-69, and 1971-72. Miss Robinson is recognized internationally as one of the most experienced, knowledgeable, and efficient authorities in the complex and highly technical field of international commodity controls. In Washing-

ton, she has won the respect of the technicians in Commerce and other agencies because of her vast knowledge of the COCOM field and her ability to program the Commerce areas of responsibility in order to assure that the Department's efforts are carried out with maximum efficiency and accuracy.

Aaron Tollin

*Deputy Director, Policy Planning
Division
Office of Export Control
Bureau of International Commerce*

Mr. Aaron Tollin joined the Department of Commerce in 1948. He has had a long history of valuable contributions to the U.S. export control program, the national economic defense effort, and the strategic control program. During his years of service on the Export Policy staff he has been one of the key members in the Department, participating in the formulation of U.S. economic policy. He served frequently as Acting Chairman of the Operating Committee on Export Policy and contributed greatly to Committee discussions and conclusions. He is considered by all identified with the East-West trade program as an authority in the field. While serving as Acting Division Director and as Special Assistant to the Director, Office of Export Control, he demonstrated outstanding leadership qualities and management skill.

Judith S. Chadwick

*Executive Assistant
Maritime Administration**

Miss Judith S. Chadwick has served as liaison between the Assistant Secretary, the Regional Directors, and the Superintendent, U.S. Merchant Marine Academy. As a result of her efforts and personal involvement in the area of

computer sciences at the Academy, the Computer Science Office was established and now Computer Science courses are a part of the midshipmen's educational program. She helped modernize the physical facilities, redecorated and supervised the renovation of the dormitory, canteen, and Land Hall, the midshipmen's lounge. Miss Chadwick was instrumental in establishing the first National Maritime Research Center at Kings Point, New York.

* Presently assigned to Domestic and International Business.

Esther M. Love

*Maritime Labor Data Analyst
Maritime Administration*

Mrs. Esther M. Love is recognized for competent performance and initiative in the design, development, implementation, and assistance to the maritime industry in use of the Maritime Contract Impact System. This large scale series of computer programs was designed and developed under Mrs. Esther M. Love's direction as a major contribution by the Maritime Administration to assist the industry in evaluating collective bargaining agreement proposals so that timely and successful completion of offshore labor negotiations could be reached without resort to crippling strikes. Mrs. Love's authoritative knowledge of collective bargaining agreements and her reputation among labor and management representatives as an expert in this area led to effective design of a highly usable tool, acceptable by significant portions of the industry as a major contribution to 1972 offshore labor negotiations.

Harold J. Romain

*Chief, Office of Market
Development
Maritime Administration
San Francisco, California*

Mr. Harold J. Romain has brought to the Western Region Market Development Program marketing techniques and promotional schemes which are uniquely suited to the increased use by American shippers, importers, and forwarders of U.S. Flag ships in international trade. Within a two year period, Mr. Romain has implemented a successful program of reaching major shippers in all parts of the Western Region to promote the expanded use of U.S. ships in ocean transportation. This has been done by successfully unifying the shipping industry, maritime labor, and the Federal government into a dedicated council concentrating on shipper contacts, promotional programs, and developing confidence in the "Shipping U.S." concept. Numerous tangible results, in the form of increased dollar revenue, have already been registered as a result of Mr. Romain's excellent leadership, innovation, and enthusiasm.

James A. Rossi

*Supervisory Attorney Adviser
(Contracts)
Maritime Administration*

Mr. James A. Rossi has demonstrated exceptional legal capability in the development and adoption of regulations applicable to the Operating-Differential Subsidy and Capital Construction Fund Agreements authorized under the President's new maritime program. Mr. Rossi's thorough understanding of

the old and new laws covering these elements of the new program and his knowledge of the complex corporate financing structures involved have been diligently and effectively applied to accomplish the transition required. By long and arduous effort, he has made an invaluable contribution to the successful implementation of these critical elements of the new maritime program.

Vertell F. Simmons

*Secretary-Stenographer
Maritime Administration*

Mrs. Vertell F. Simmons has made a substantial contribution to the attainment of the Maritime Administration's programs through almost 10 years of outstanding performance. Her broad knowledge of the Agency's functions and personnel and of the key representatives of the Maritime Industry has enabled her to provide the high level secretarial support necessary for the efficient functioning of the Office of Domestic Shipping which encompasses an extensive area of technical competence. In so doing, she has also greatly contributed to the good will of the Agency and in general to the image of the U.S. Government.

Sherman M. Funk

*Assistant Director for Administration
and Program Development
Office of Minority Business
Enterprise*

Mr. Sherman M. Funk played a key role in developing the plans, programs, and budget for the major expansion of the Office of Minority Business Enterprise directed by the President, and in developing a comprehensive new management control and information system for the agency. He has initiated many significant improvements in the administration of OMBE and played an important part in its transition to a major funding arm of the national effort to foster minority business.

Walter Larke Sorg

*Assistant Director for Private Programs
Office of Minority Business Enterprise*

Mr. Walter L. Sorg demonstrated knowledge of business and financial affairs and a strong belief in the flexibility and fairness of the American free enterprise system. Mr. Sorg has been a major force in helping to mobilize the resources of the private sector to foster minority business development. He conceived, designed, and was instrumental in establishing the National Minority Purchasing Council, a new and unique vehicle for channeling private procurement toward minority vendors. He played a vital role in both the MESBIC and Minority Bank Deposit Programs and was largely responsible for obtaining massive commitments of high-quality volunteer management and technical assistance from private companies, associations, and universities.

Arthur G. Alexiou

*Director, Sea Grant Institutional Support
National Sea Grant Program
National Oceanic and Atmospheric Administration*

Mr. Arthur G. Alexiou has made outstanding contributions in the successful establishment of the National Sea Grant Program in which he worked closely with academic, industrial, and government leaders to develop marine science projects and programs of applied nature. He developed significant programs leading to optimum utilization of marine resources, many of which involve universities in cooperative work with state and local governments and private industry.

Herman C. Anderson

*Chief, Chart Information Branch
Marine Chart Division
National Oceanic and Atmospheric Administration*

Mr. Herman C. Anderson has exercised outstanding leadership and initiative in coordinating the National Ocean Survey's role in the Cooperative Charting Program with the U.S. Power Squadrons and U.S. Coast Guard Auxiliary. This outstanding example of citizen-government cooperation has significantly contributed to boating safety and basic improvement in nautical charting.

Vernon F. Dvorak

*Meteorologist (General)
Analysis Branch
National Oceanic and Atmospheric Administration*

Mr. Vernon F. Dvorak has developed an improved technique for the analysis and forecasting of tropical cyclone intensities from satellite data. He constructed an empirical model which describes average cyclone development and dissipation as a progression through recognizable combinations of cloud characteristics, or classes, at the rate of one class per day. Cloud characteristics which define the classes consist of a combination of centralized features and banding features. Another set of cloud characteristics is used in the technique to improve the forecasting skill of the model. These features are related to the inflow, outflow, and vertical motions of the disturbance at picture time. The use of this technique results in improved tracking and forecasting of tropical cyclones.

Isaiah Y. Fitzgerald

*Chief, Coastal Surveys Section
National Ocean Survey
National Oceanic and Atmospheric
Administration*

Mr. Isaiah Y. Fitzgerald is recognized nationally as the remote sensing authority for field data acquisition in National Ocean Survey's photogrammetric tidal current and estuarine circulatory surveys. He earned this distinction through his application of airborne thermal scanners, multispectral scanners, multibanned cameras, and aerial photographs for solving survey problems. Using these instruments and techniques with limited ground truth for calibration purposes, he has enhanced both the quality and quantity of the Bureau's tidal current and circulatory survey data and has opened new doors to both the private sector and other Government agencies for surveying the environment.

Joseph W. Greenough

*Biometrician
National Marine Fisheries Service
National Oceanic and Atmospheric
Administration
Auke Bay Fisheries Laboratory,
Auke Bay, Alaska*

Mr. Joseph W. Greenough rendered expert mountaineering assistance on September 4, 1971, when an Alaska Airlines plane crashed in the Chilkat Mountain Range, 20 miles west of Juneau, Alaska, killing the 111 persons aboard. Recovery of the bodies and examination of the wreckage constituted a hazardous operation for the official personnel involved, but

the risks were minimized as a result of volunteer assistance from local mountaineers. The seven mountaineers, including Mr. Joseph W. Greenough, surveyed the crash site, selected a base camp, and advised officials on personnel and equipment needs. After making a preliminary body count and recovering flight recorders, the mountaineers concluded their part in the operation by fixing ropes throughout the site to insure the safety of the investigators who followed.

Olin R. Houston

*Meteorologist (Forecasting and
Interpretation)
National Weather Service
National Oceanic and Atmospheric
Administration*

Mr. Olin R. Houston has demonstrated in the past six years an exceptional ability in the improvement of computer-produced forecast weather charts, even as the accuracy of the machine products increased. His improvements have averaged 20% higher than those of his peers who make forecast charts. In so doing, Mr. Houston has made a major contribution to the significantly better weather guidance now available throughout the Nation.

Roger S. Rhodes

*Assistant Director
Wave Propagation Laboratory
National Oceanic and Atmospheric
Administration
Boulder, Colorado*

As Assistant Director of NOAA's Wave Propagation Laboratory, Mr. Roger S. Rhodes has been responsible for providing first-rate internal administrative and management support to this unit. He has contributed a quality of personal leadership and service which has been a major challenge and stimulus to all members of the

laboratory. As a direct result of his leadership, personnel, fiscal and equipment resources are being used at a high level of efficiency, and an effective and flexible research laboratory has been created.

Arnold L. Sugg

*Deputy Director, National Hurricane Center
National Weather Service
National Oceanic and Atmospheric Administration
Miami, Florida*

Mr. Arnold L. Sugg is cited for his outstanding services to the Nation in developing and administering an important new program of hurricane warning services responsible for the overall supervision of hurricane forecasts, advices, and warnings to the public, the Military, and to disaster organizations. He has developed an outstanding team of forecasters, sensitive to the needs of the public and of user organizations. Through his leadership this team has not only made notably skillful predictions but has kept disaster organizations aware of the disaster potential of approaching hurricanes and of the consequences which unpredicted changes in the course of the hurricane might impose, thereby increasing the effectiveness not only of hurricane preparedness but also of search, rescue, and relief operations following a hurricane.

Robert D. Wildman

*Director, Sea Grant Project Support
National Oceanic and Atmospheric Administration*

Mr. Robert D. Wildman is recognized for his outstanding performance in the successful establishment of the National Sea Grant Program in which he has worked

closely with academic, industrial, and government leaders to develop marine science projects and programs of applied nature. His efforts in developing significant programs leading to optimum utilization of marine resources, many of which involve universities in cooperative work with state and local governments and private industry have been noteworthy. Mr. Wildman's efforts have demonstrated that salmon aquaculture will be commercially feasible in Puget Sound. In addition, he was successful in bringing together universities, a state, and industry to determine the environmental impact of offshore sand and gravel mining, the major impediment to initiating a commercial industry.

J. Austin Yeager

*Chief, Satellite and Marine Applications Division
National Ocean Survey
National Oceanic and Atmospheric Administration*

Cdr. J. Austin Yeager has displayed exceptional technical competence in performing reconnaissance surveys for the selection of satellite triangulation stations in various countries of the world, including the planning and coordination of logistic and technical support on a world-wide scale. His leadership in obtaining optimum cooperation with all foreign government personnel who contributed to the success of the Satellite Triangulation Program has been outstanding.

James S. Bailey

*Patent Interference Examiner
Board of Patent Interferences
Patent Office*

Mr. James S. Bailey has demonstrated outstanding skill in arriving at a decision awarding priority and preparation of an accompanying opinion in a patent interference proceeding involving an unusually large number of parties, based on a review of an extremely voluminous evidentiary record, and resolving many complex factual, legal and procedural issues, all in the highly technical field of polymer chemistry having international economic importance. His contribution included the coordination of work of another and the correlation of all work into a unified opinion and decision.

Malcolm A. Morrison

*Supervisory Primary Examiner
Patent Office*

Mr. Malcolm A. Morrison has demonstrated outstanding initiative and ability in leading his art unit toward meaningful examination of applications for patents in the computer area. His knowledge of both the legal and technical aspects of that field and his willingness to share that knowledge have played an important role in the advancement of the Patent Office programs. His diligent efforts in carrying out many complex assignments have resulted in contributions of significant value to the Group and to the Office.

Clementine D. Henry

*Examining Support Supervisor
Office of Support Services
Patent Office*

Peggy Dubose

*Patent Applications Assistant
Office of Public Services
Patent Office*

Miss Clementine D. Henry and Mrs. Peggy Dubose have demonstrated exceptional ability in the design and operation of a major program which made a very valuable contribution to the administration of the Patent Office. Their conception, planning, implementation, and operation of a temporary Parallel Application Branch permitted the Patent Office to eliminate a large, intolerable backlog of applications awaiting processing.

Letitia G. Cole

*Visual Information Specialist
Office of the Secretary*

Mrs. Letitia G. Cole administers a centralized graphic service which performs thousands of custom-made products annually for every bureau and office of the Department, as well as the President's Council of Economic Advisers. A former trainee in the Branch she now heads, she has had an outstanding record in both personal achievement—absorbing most of her technical and managerial skills through on-the-job training—and in the excellence of the publications, charts, graphs, displays, typography, and other products her Branch produces. She has been recognized officially on many occasions for her ability, both technical and administrative.

David C. Larkin

*Deputy Director for Operations
Office of Administrative Services
Office of the Secretary*

Mr. David C. Larkin is recognized for his outstanding contribution and professional excellence in the general field of administrative support services and specifically in matters of space management, improvement in Department of Commerce procurement, upgrading of the library activity, and other operations improvements. His qualities of strong leadership and perseverance have assisted materially in improving the professional posture of the Office of Administrative Services.

Frederick G. Mohrman

*Chief, Budget Coordination and
Reports Division
Office of Budget and Program
Analysis
Office of the Secretary*

Mr. Frederick G. Mohrman has substantially improved the Department's budget processes and procedures. Specifically he has reorganized budget processes to facilitate program analysis and management, developed a permanent handbook of budget procedures, and devised a "rolling budget" concept which utilizes ADP to provide program officials current information on the status of the budget. He has improved working relationships and procedures with Office of Personnel in administration of personnel ceilings and with the Office of Management and Budget and Appropriations Subcommittees on coordination and exchange of budget data. He has also planned and conducted budget training seminars.

Raymond P. Wills

*Pressroom Foreman
Office of the Secretary*

Mr. Raymond P. Wills has consistently performed his duties in an exceptionally meritorious manner and made significant contributions to the Printing Division during his eight years with the Department. He has displayed superb overall technical knowledge in supervising the printing of the many complex publications produced in the Department's Offset Printing Branch. His persevering efforts and innovative methods in initiating extensive training programs, donating hundreds of hours of his own time, are indicative of his unusual dedication. An expert pressman with an intense desire to impart to others his specialized knowledge, he initiated a positive career advancement program for trainees, developing them into competent journeyman pressmen and providing them with professional guidance and expertise.

Comer L. Harvill

*Systems Accountant
Office of Organization and
Management Systems*

Harry G. Kirst

*Systems Accountant
Office of the Secretary*

Messrs. Harvill and Kirst have made an outstanding contribution to the financial administration of the Department through their professional leadership in the development of efficient accounting and budgeting systems. Their work on accounting systems designs contributed significantly toward the Commerce Department's outstanding financial systems accomplishment which has been recognized by the President. The staff provided leadership in the accelerated implementation of the approved systems. The outstanding professional contribution of these staff members, with the staff effort of the respective bureaus, has provided the accounting cornerstone toward implementation of a Department-wide advanced management and information and control system.

O. Bryant Benton

*Special Assistant to the Deputy
Administrator
Social and Economic Statistics
Administration*

Mr. O. Bryant Benton has made outstanding contributions in the formation and effective management of the Social and Economic Statistics Administration. He has been responsible for many of the studies which resulted in major organizational changes, operating improvements, and program revisions in a relatively short period of time. He has acted as a key liaison between all Bureau management and employees within the Administrator's office during a period of extraordinary change for the organizational units within the Social and Economic Statistics Administration.

Jane Rommel

*Librarian
Social and Economic Statistics
Administration*

Miss Jane Rommel has demonstrated exceptional ability over a period of years in setting and maintaining high technical standards in all aspects of library information storage and retrieval. Through her efforts she has made recorded information in many languages on a wide variety of subjects more easily retrievable by researchers. Her outstanding efforts have aided the Bureau of the Census in assignments which affect national and international policies and programs. As a leader in her field, she has developed indexing terminology and library classification to conform with modern usage and advances in social sciences and related fields. Her dedication to her work has set an example for those whom she has guided in professional development during her years of service.

Martin G. Broadhurst

*Supervisory Physicist
Polymers Division
National Bureau of Standards*

Dr. Martin G. Broadhurst has exhibited meritorious leadership and has executed outstanding research in the field of the dielectric and thermal properties of polymers and other systems. He has made significant contributions to many important programs of the National Bureau of Standards as well as to those of other government agencies, and these contributions have had relevance to pressing national needs. His contributions have been related to Standard Reference Materials (dielectric standards), Defense (electromagnetic propagation), Environmental Pollution (PCB's), and Fundamental Research (Gruneisen Equation of State for Molecular Crystals).

J. Paul Cali

*Chief, Office of Standard
Reference Materials
Institute for Materials Research
National Bureau of Standards*

Mr. J. Paul Cali has demonstrated outstanding leadership and provided invaluable contributions to the Standard Reference Materials Program of the National Bureau of Standards. He was instrumental in the development and implementation of the first referee method in clinical chemistry. This method, for the determination of calcium in blood serum, has provided a basis for meaningful measurement for thousands of clinical laboratories in the Nation.

Thomas D. Coyle

*Supervisory Research Chemist
National Bureau of Standards*

Dr. Thomas D. Coyle has made valuable contributions to the sci-

ence of inorganic chemistry and has given outstanding leadership in applying this knowledge to the problems of environmental pollution and the hazards of fire. He has developed and led a section of scientists to study reactions, syntheses, and properties of new inorganic chemical compounds. He has developed the use of nuclear magnetic resonance and spectroscopic techniques for characterizing these compounds. Dr. Coyle has assembled an outstanding laboratory for handling dangerous chemicals. As a result of these activities he and his colleagues have made over fifty special compounds, some for use by other scientists at NBS and elsewhere for fundamental studies.

George R. Dickson

*Supervisory Physicist
National Bureau of Standards*

Mr. George R. Dickson has conducted for more than thirty years extremely productive research on the mechanical and physical properties and interaction of dental materials and dental tissues. He has shown exemplary leadership in the development of laboratory test procedures by means of which clinical performance of dental materials can be simulated and predicted. In addition, he has taken a leadership role in development of specifications for dental materials and devices and in the development of a panoramic x-ray device of which there are currently more than 5,000 commercially produced units in use.

Daniel R. Flynn

*Supervisory Physicist
National Bureau of Standards*

Mr. Daniel R. Flynn is cited for his outstanding administrative and technical leadership in describing national needs in noise abatement. He has motivated a new Section in applied acoustics to solve urgent and varied noise problems of numerous agencies of the Federal Government. In addition he has created the interdepartmental climate of good will that provides the opportunity for the National Bureau of Standards to carry out major programs in basic and applied acoustics for the benefit of the Nation as a whole.

George G. Harman, Jr.

*Physicist (Solid State)
National Bureau of Standards*

Mr. George G. Harman, Jr. is recognized for outstanding creativity and research accomplishment, both fundamental and applied, in diverse areas of solid-state science and technology. Significant impact and outside interest has been generated by the results of such work in gallium alloys, semiconductor contacts, charge storage in silicon devices, and ultrasonic aluminum wire bonding for semiconductor microelectronic devices. Particularly in this latter field of endeavor there have been documented technological improvements resulting in increased yield and quality of devices manufactured for major current government programs.

George A. Hornbeck

*Physicist (General)
National Bureau of Standards*

Mr. George A. Hornbeck has served with distinction as the National Bureau of Standards' delegate and Chairman of the Interim Compliance Panel established by the Federal Coal Mine Health and Safety Act of 1969. In this capacity, he has made administrative and technical contributions for the improvement of working conditions, toward the elimination of severe health problems suffered by coal miners, and in the reduction of the number of explosions resulting from critical mixtures of coal dust and oxygen in mines.

Philip D. LaFleur

*Supervisory Chemist
National Bureau of Standards*

Dr. Philip D. LaFleur has made outstanding contributions to the methodology of activation analysis and the development of new Standard Reference Materials of vital importance to the Nation. These attainments have resulted from his own personal research and from highly effective organization and direction of research programs both within NBS and in cooperation with other Government agencies. His efforts have contributed new and improved methods in radiochemical separations, neutron activation, and photon activation. He has developed biological Standard Reference Materials important to the Nation's needs in health, pollution abatement, and oceanography.

Johanna M. H. Levelt Sengers

*Physicist
National Bureau of Standards*

Dr. Johanna M. H. Levelt Sengers merits special recognition for her

distinguished experimental and theoretical research and authorship in critical phenomena and especially for her studies of the gas-liquid critical point and their generalization to other systems. Critical phenomena occur in such diverse systems as magnets, liquid-gas transitions, binary solutions, etc. As regards their critical regions, these systems can, with a proper translation of variables, be described with the same formalism. Dr. Sengers has played a leading role in establishing this universality. Phase transitions and the critical point are of considerable importance in engineering applications. Dr. Sengers has gone out of her way to communicate with engineers and to make NBS an international focal point in critical phenomena.

Wesley Spangenberg

*Aerospace Engineer (Fluid and Flight Mechanics)
National Bureau of Standards*

Mr. Wesley Spangenberg was largely responsible for the planning and design of the NBS Fluid Mechanics Laboratory. By his creativity and engineering, he successfully designed and supervised the construction of several new experimental flow facilities with exacting requirements. These new facilities will permit the NBS program in fluid mechanics not only to meet its existing responsibilities for aerodynamic measurements, but also to advance into new program areas. In addition, he continued to perform his regularly assigned duties and to advance the projects with which he was engaged. Apart from international recognition for his aerodynamic research, he has achieved the distinction of being one of the country's foremost authorities on wind

tunnel design and as such has consulted and advised many representatives from government, industry, and the academic communities.

John B. Tallerico

*Assistant Budget Officer for
Financial Management
National Bureau of Standards*

Mr. John B. Tallerico is recognized for invaluable service in financial management at the National Bureau of Standards. As internal auditor, technical division administrative officer, budget analyst, supervisory budget analyst, and assistant budget officer for financial management, he has influenced many of the changes in financial management at the Bureau since 1946. He has been outstanding in his dedication to the principle that financial management should serve the line administrator. He has worked within the framework of a unique accounting system where precedents have been largely non-existent to develop a practical and flexible system which has proven to be readily adaptable to support modern concepts of program management.

Felix Y. Yokel

*Structural Research Engineer
National Bureau of Standards*

Dr. Felix Y. Yokel has made major contributions to the development of criteria for structural performance for Operation BREAK-THROUGH, has guided their application in evaluation of innovative housing system, has spearheaded a major contribution to masonry design with the development of criteria for the strength of masonry walls under various loading conditions, and has developed and applied test methods for full-scale structures. These accomplishments have contributed strongly to the implementation of industrialized building in the United States.

Marvin E. Wilson

*Chief, Automated Data Processing
Branch
National Technical Information
Service*

Mr. Marvin E. Wilson has demonstrated a rare combination of technical, managerial, and administrative competence in automating the operations of the National Technical Information Service. He has made major contributions to the design of the new NTIS announcement processing system to produce the new NTIS product *Weekly Government Abstracts*. His new design reduced processing time for the public announcement of new technical reports from eight to ten weeks to one to two weeks, thereby improving NTIS' information dissemination capabilities. Mr. Wilson's outstanding performance has provided NTIS with efficient and flexible ADP systems for future growth.

William G. Arey, Jr.

*Executive Officer
United States Travel Service*

Mr. William G. Arey, Jr. has displayed distinguished professional performance in promoting travel to the United States. He has earned for the United States Travel Service and himself the respect of the international tourism profession.

