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1970

Naval Postgraduate School Command History 1970

Monterey, California: Naval Postgraduate School

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From: Superintendent, Naval Postgraduate School, Monterey,
California 93940
To: Chief of Naval Operations (OP-09B9), Department of the Navy,
Washington, D. C. 20350
• Subj: 1970 Naval Postgraduate School Command History,
OPNAV Report 5750-1
Ref: (a) OPNAV INST 5750.12
Encl: (1) 1970 Command History
(2) Appendices A - I to Encl (1).

1. In accordance with reference (a), enclosures (1) and (2) are submitted as the 1970 command history of the Naval Postgraduate School.

ROBERT W. McNITT
Rear Admiral, U. S. Navy

Copy to:
COM12 (with Encl (1))
BUPERS (Pers C) with Encl (1)

1970 COMMAND HISTORY
NAVAL POSTGRADUATE SCHOOL
Monterey, California 93940

CHRONOLOGY OF HIGHLIGHTS

February	27	Selective Dissemination of Information (SDI) service became operative in the school library.
March	16	A new 6-quarter curriculum in Communications Management began.
April	28	Bureau of Naval Personnel initiated development of new Weapons Systems Acquisition Program.
May	1 - 31	Additional remote typewriter terminals installed in the school's computer center.
May	19	NPS Sailing Association formed.
June	1	NMSC conducted new course in Navy Advanced Management at Washington, D. C.
August	24	Construction of the new technical library began with groundbreaking ceremony.
September	1	Dr. Milton U. Clauser became the sixth Provost/Academic Dean of NPS.
September	8	A new course in Polar Oceanography was conducted at Point Barrow, Alaska.
September	28	A new Ph. D. Program in Operations Analysis began.
November	5 - 6	Superintendent's Advisory Board met on campus.
December	8	NPS Foundation established.
December	15	The Navy Exchange Bookstore replaced the textbook issue operation.

NARRATIVE

1. COMMANDING OFFICER

Rear Admiral Robert W. McNitt, USN
(See Appendix A)

Oct. 23, 1967 - present

2. HEADQUARTERS

Naval Postgraduate School
Monterey, California 93940

3. COMMAND ORGANIZATION

A. The mission: "To conduct and direct the advanced education of commissioned officers, and to provide such other technical and professional instruction as may be prescribed to meet the needs of the Naval Services; and in support of the foregoing, to foster and encourage a program of research in order to sustain academic excellence."

B. The structure: (see Appendix B)

C. The mission and command organization remained unchanged during 1970.

4. OPERATIONS

A. Academic

(1) During 1969, the school conducted a pilot study to determine the feasibility of establishing an SDI (Selective Dissemination of Information) service in the library. Under this system, a user's interests are described in terms that will form one or more interest profiles. Computers are then used to select items matching the

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user's profile from the flow of incoming documents (including student theses). The pilot study was successful, and the SDI service was formally initiated in February 1970. It is intended for use by faculty, students and other authorized personnel. Hopefully, present efforts will later be expanded to include data banks from other sources such as the Institute of Electrical and Electronics Engineers and the National Aeronautics and Space Administration.

(2) On January 2, the school's computer facility was renamed the W. R. Church Computer Center, in honor of the late Prof. Warren Randolph Church for the significant role he played in its establishment. During May, 16 additional remote typewriter terminals were attached to the center's IBM 360/67 system, bringing the total to 30. Time-sharing services were expanded in October by changing the operating system from CP/CMS to TSS/360. During the year, the center's total number of users rose from 1100 to 1900, and the number of batch jobs processed increased 40 per cent to 229,000.

(3) On January 5, selection of the first 42 special duty Oceanography/Hydrography officers (Code 1820) was announced, emphasizing the importance of military oceanography. Most

officers eligible for the new designation are alumni from the Postgraduate School in air-ocean environment. Four billets in the Environmental Sciences Programs at the school have been set aside for these special duty officers.

(4) On March 16, a new program in communications management began with 24 U. S. Navy students enrolled. This is a six-quarter course leading to the Master of Science in Management. (See the 1969 NPS Command History, Appendix C, for a detailed description of the course).

(5) In April, a comprehensive review of the meteorology curriculum was conducted. As a result, one quarter of specialized study of such topics as solar prediction, weather modification and pollution was proposed.

(6) A new Weapons Systems Acquisition Program under Management and Computer Science was developed in response to the BUPERS study of April 28. It is a six-quarter curriculum designed for officers in a career pattern leading to the position of project manager of a large multi-million dollar defense hardware development and acquisition project. It will provide an understanding of the management tools, techniques and fundamentals involved in contract definition, engineering development, procurement and

logistic support of major weapons systems. The final version will be a nine-quarter program. The new course leads to the M. S. in Management, and the first students are scheduled to enroll in September 1971. (See Appendix C).

(7) The Operations Analysis Department began its new Ph. D. program on September 28 with two officers enrolled. Students may choose a major in one of four broad areas: mathematical programming, decision sciences, human factors and stochastic processes. Possible choices for the minor include mathematics, physics, economics, engineering and management. At the end of the year, there were five students enrolled in the program.

(8) On July 6, the Naval Engineering Curriculum Office transferred supervision of the Immediate Graduate Education Program in Mathematics to the Ordnance Engineering Curriculum Office to improve coordination between the IGEP program and the Advanced Science Program in mathematics.

(9) The Department of Oceanography taught a new course in polar oceanography for the first time during September 8-20. Twelve students were flown to the Naval Artic Research Laboratory at Point Barrow, Alaska, for several weeks of class and field studies on the ice. The course will be repeated in March 1971.

(10) The Navy Management Systems Center (NMSC), a tenant agency under the direction of the Superintendent, conducted 18 classes during the year with a total attendance of 737. Of this number, 151 were of Flag/General rank or civilians of equivalent stature. Foreign participants who attended the courses were as follows:

Germany, 18; Canada, 12; France, 11; Netherlands, 8; Greece, 8; United Kingdom, 7; Thailand, 7; Portugal, 6; Korea, 5; Turkey, 4; India, 4; Norway, 4; Indonesia, 4; Vietnam, 3; Laos, 2; Iran, 2; Spain, 2; Denmark, 2; Australia, 2; Japan, 2; Venezuela, 1; Bolivia, 1; Brazil, 1; Belgium, 1; and Italy, 1. (See Appendix D and E)

(11) Two new NMSC courses were conducted away from the Monterey area for the first time during 1970. They were:

- (a) June 1-12 Navy Advanced Management Course,
Washington, D. C.
- (b) August 23-28 Navy Activity Management Course,
Norfolk, Va.
- (c) November 9-20 Navy Advanced Management Course,
Washington, D. C.
- (d) November 9- Navy Activity Management Course,
December 4 San Diego, Calif.

(12) The school's proposal to prepare the curricular material for three short programs during FY 71 was approved, but authorization was postponed by the Bureau of Naval Personnel because funds had not been budgeted and were not available at that time. The school resubmitted the programs in December. They are:

- (a) a 6-week course in Modern Science and Engineering
- (b) a 4-week course in Technical Management
- (c) several two-week seminars on Current Developments in specific disciplines.

(13) The first interdisciplinary and interdepartmental design projects got underway during Quarters I and II of Academic Year 1970-71. One covers the design of a long-range navigation system for temporary use while ferrying tactical aircraft. Twelve students were selected to participate on the basis of their academic performance in ordnance engineering, computer science, communications engineering, operations analysis, aeronautical engineering and engineering electronics. By the end of the year, the class had settled on a specific system, assigned tasks, and started working toward solutions.

(14) A contingency allotment to pursue new technology in teaching was budgeted for 1970. It was used by the Academic Dean to encourage new methods of teaching. A faculty committee on innovative methods of instruction obtained seven proposals from faculty members regarding projects. Four were selected. At the end of the year, 26 per cent of the faculty was already using innovative teaching methods.

(15) During the year, the school had three visiting assistant professors on board participating in the Postdoctoral Research Associateship Program, which is sponsored by the National Research Council. They taught in the Aeronautics, Electrical Engineering and Physics Departments.

(16) Four candidates in the Cooperative Doctoral Program were on board also. Candidates in this program are appointed as visiting instructors while working toward their doctoral degrees. One instructed in the Department of Physics, one in Mechanical Engineering, and two in Electrical Engineering.

(17) The Naval Postgraduate School continued to sponsor or host military, professional and educational conferences on campus during 1970. Principle among these were:

- a. Jan. 29-30 Political Science Symposium; unclassified, 35 attendees. It was sponsored by the Office of Naval Research and the Advanced Research Projects Agency. Participants were academic political scientists and DOD strategy and policy planners involved in research programs aimed at developing quantitative political science.
- b. April 1-3 7th Meeting of the Subcommittee on Oceanography, Canada-United States; confidential, 20 attendees. It was sponsored by the Military Cooperation Committee (MCC) of the two countries,

which is attached to the Joint Chiefs of Staff.

c. April 2-3

President's Science Advisory Committee Panel, secret, 15 attendees. It was sponsored by the Office of Science and Technology, Executive Office of the President, and attended by distinguished scientists concerned with ground warfare.

d. April 25

American Society for Metals Seminar, unclassified, 80 attendees.

e. May 5-7

13th AFOSR Contractors' Conference on Physical Energetics; unclassified, 80 attendees. It was sponsored by the Air Force Office of Scientific Research, and was attended by representatives of the Army, Air Force, Navy, DOD, NASA and AEC.

f. May 13-15

Research and Technology Conference; unclassified, 300 attendees. It was co-sponsored by the Office of Naval Research and NPS.

g. May 29

Army Advisory Panel ad hoc Committee for Mine Detection/Neutralization; secret, 10 attendees. It was sponsored by the Army Office of the Chief of Research and Development to report the results of a study on problems associated with countering enemy mining efforts.

h. June 10-12

Heat Transfer and Fluid Mechanics Institute Conference; unclassified, 400 attendees. It was co-sponsored by the U. S. Army Research Office, Durham, N. C. and the National Science Foundation.

i. July 21-22

8th Midcourse Measurements Meeting; secret, 200 attendees. It was sponsored by the Advanced Research Project Agency to study ballistic missile defense.

j. July 27 -
August 27

Undersea Warfare Committee, National Academy of Science Summer Study; secret, 90 attendees. The study was

sponsored by the Undersea Warfare Committee and the National Research Council. From July 27 to August 14, studies concerned active acoustic undersea surveillance systems. The remainder of the sessions were devoted to electro-optical systems.

k. Oct 12-15

Joint, Office of Naval Research-Army Office of Research and Development Fluidic Symposium; confidential, 80 attendees.

l. Nov 18-20

4th Asilomar Conference on Circuits and Systems; unclassified, 250 attendees. It was sponsored by NPS, Santa Clara University and Stanford to exchange ideas on circuits and systems theory and automatic controls.

m. Dec 1-3

16th Annual Joint Electronic Warfare Conference; secret, 140 attendees. It was sponsored by the Naval Missile Center, Pt. Mugu, to exchange current information on electronic warfare.

n. Dec 8-10

Workshop on Flow in Turbomachines; unclassified, 45 attendees. It was co-sponsored by NPS and the Naval Air Systems Command to examine programs for the improvement of present military high performance power plants.

(18) The Aviation Safety Programs Office conducted 10 courses and graduated 203 officers during 1970. In addition, the students performed 17 aviation safety surveys during the year.

(19) RADM. W. N. Leonard, commander of Naval Safety Center, visited the school on Oct. 20 to review the aviation safety curriculum. As a result, a new three-week Aviation Safety Officer course will be offered four times a year beginning in March 1971. The Staff/Command course now offered will move from Monterey to the Naval Safety Center, Norfolk, Va.

B. Research.

(1) The continuous effort by many of the faculty and staff to secure research funds resulted in sponsored research support amounting to \$1,830,933 during 1970. Despite the decreasing budget for sponsored research, this amount represents a slight gain over the 1969 total.

(2) The total number of projects under investigation was 140, with 132 investigators actively involved.

(3) A total of 321 officer students were engaged in thesis research during the year.

(4) At-sea research increased in 1970 with several cruises conducted for oceanography students and faculty:

- a. Feb 3-18 and Apr 22-May 6 Orientation/Research cruises aboard USNS BARTLETT (AGOR 13)
- b. Feb 26-Mar 3 Research cruises aboard RV OCEANEER, under lease from Ocean Science Services, Inc.
- c. Aug 10-24 and Nov 1-16 Orientation/Research cruises aboard USNS DE STEIGUER (AGOR 12)

(5) On March 1, the Department of Aeronautics acquired a 24-foot captured air bubble experimental vehicle which was fully instrumented. Experimental test runs were successful, and the vehicle is now being used in research by the Department.

C. Administration.

(1) The Superintendent of the Naval Postgraduate School, as sub-area coordinator for the Twelfth Naval District, conducted the following area coordination reviews during 1970:

- a. Naval Facility, Point Sur -- Jan 23
- b. Naval Auxiliary Landing Field, Monterey -- Feb 6
- c. Navy Management Systems Center, Monterey -- Feb 17
- d. Fleet Numerical Weather Central, Monterey -- Feb 20

(2) On May 27-28, all key managers at the school left campus for group discussions on a wide range of topics dealing with the objectives of the school and its programs. Discussions centered on executive development and the adequacy of personnel policies.

(3) The Faculty Council, in its first full year of activity, evolved into an effective advisory body. It initiated discussions with the administration which led to specific improvements in various areas of school operations, and monitored administrative actions offering recommendations for improvements. Because of its size, the Faculty Council can meet once a month, compared to the quarterly faculty meetings.

(4) The regular channel of communication by students through their curricular officers was augmented during the year with bi-quarterly meetings among student section leaders, the superintendent, academic dean and deputy superintendents. The agenda covered topics suggested by both student and administrative groups, and the result was an impressive measure of officer-student opinion on a wide variety of subjects. Next year, the Planning Board expects committees and task groups to contribute their ideas.

(5) In order to improve long range planning in forecasting needs of the school to the Bureau of Naval Personnel each year, the

school in mid-summer began to systematically review and restate the overall objectives and to examine and approve curricular program objectives. To do this, a Planning Board was formed in August, with the Superintendent as chairman. It agreed on a planning cycle for the coming year, and a means of collecting program costs with additional effort on the part of individual departments is under development.

(6) The Command continued to emphasize employment of minority group members throughout the year. Trainee-level positions were restructured to enable hiring several hard-core unemployed minority group people, and school managers were enthusiastic about developing trainee positions in their areas. In addition, the summer employment program again provided jobs for a number of needy young people. The Equal Employment Opportunity Committee at the school continued aggressive action in this area, and in mid-year, established an awards system to recognize outstanding achievement in the EEO Program. The committee was also active in developing and planning a proposed trainee program aimed at producing beginning-level technicians.

(7) A staff member of the Civilian Personnel Office was appointed to head the employee development program on a full-time basis for the first time. This move resulted in a significant increase in the number of civilian employees enrolled in training courses,

particularly correspondence courses. The school also took advantage of training opportunities at a local junior college and nearby Fort Ord. Employees were trained in such areas as human relations and communications at no cost to the school.

(8) The Board of Advisors to the Superintendent met at the school on November 5-6. The group was established in May 1967 to advise and assist the Superintendent in administering the Navy's Postgraduate Education Program, and to assess the effectiveness with which it is accomplishing its mission. Members study curricula, instruction, physical equipment, administrative procedures, morale of personnel, fiscal affairs, and any other matters relating to command operations. (See Appendix F).

Members of the Board are: Dr. Ralph D. Bennett, Consultant; RADM William A. Brockett, USN (Ret.), President, Webb Institute of Naval Architecture; Dr. Lawrence R. Hafstad (Chairman of the Board), Chairman, Committee on Undersea Warfare of the National Research Council; Mr. Richard R. Hough, Vice President, American Telephone and Telegraph Company; Dr. Donald R. Mallett, Vice President for Student Services, Purdue University; Dr. Dean E. McHenry, Chancellor, University of California, Santa Cruz; Dr. Robert W. Morse, President, Case Western Reserve University; Dr. David S. Potter, Director of Research and Development, AC Electronics, General Motors Corporation;

ADM. James S. Russell, USN (Ret.), Consultant, Boeing Aircraft; Mr. Emmett G. Solomon, Chairman of the Board, Crocker-Citizens National Bank; and Dr. Robert L. Sproull, President, University of Rochester.

(9) On June 18, the school installed a Logistics Directorate Administrative Support Center consisting of two magnetic tape/selectric typewriters, and two IBM PBX dictation systems with a trained staff. The center provides more efficient telephone dictation and transcription, stores typed material on tape, and automatically types 165 words a minute from the tapes.

5. BASE DEVELOPMENT

A. In January, the first of 118 new units of family housing at La Mesa Village were accepted. The last units were accepted on March 2, and the contract was considered complete except for minor landscaping.

B. In February, funds for the \$1.8 million technical library and service station were released for separate contract awards. The service station was begun on April 15 and opened for business on September 17. Library construction began on August 24 with a brief groundbreaking ceremony and by the end of the year, was 31 per cent completed. It should be ready for occupancy by the fall of 1971. Funds for library equipment and furnishings are in hand. (See Appendix G).

C. In April, the school received approval to convert the 9-hole golf course to a standard 18 holes. Western Division, Engineering Facilities Command was requested to select an Architect/Engineer.

D. Self-help projects completed during the year include two play areas at La Mesa Village, construction of a new Child Care Center play area, a softball field on campus, new entrance to the swimming pool, and a driving range and sprinkler system at the golf course.

E. On August 3, an 8,000 square foot Navy Exchange warehouse costing \$55,000 in non-appropriated funds was completed.

F. On September 11, the Crypto Repair Facility at Hunter's Point installed communications equipment for a Pony Loop circuit with Fleet Numerical Weather Central, a tenant activity on campus. The new circuit provides "real time" delivery of highly perishable weather messages, replacing the hand-delivery method previously used. The school's message center traffic increased 50 per cent during the year.

G. By December, a university-style bookstore was in operation. This activity replaced the Supply Department Textbook Library operation. After many preliminary discussions with representatives of the Navy Resale Systems Office, the school Facilities Planning Board approved in March a portion of Powers Hall for the new bookstore. The school obtained authority to provide students an allowance of up to \$25 per quarter for book purchase, to operate the store under the Navy Exchange,

to permit civilian faculty members to use the facility, to transfer the existing inventory of government-owned books at fair value, and to operate a used book business.

H. On Dec. 3, the Electrical Engineering Department started a departmental library using books obtained from the old textbook library.

I. Also in December, \$1 million worth of obsolete equipment was retired as excess from the Electrical Engineering departmental laboratories. An SPS/40 radar, two hydrogen-oxygen fuel cells, and two thermionic cesium diodes were added to the radar and energy conversion labs.

6. ACTIVITIES

A. The 1970 Monterey County National Health Agencies and the International Service Agencies combined crusade was conducted during January 13 - February 18. The Naval Postgraduate School contributed \$6,315.64 and \$3,843.31 respectively to these organizations.

B. The Seventh Annual Religious Art Show, sponsored by the Catholic Chapel Guild, was conducted in Herrmann Hall Ballroom during January 19-31. One hundred sixty-eight artists submitted 270 entries to the show. More than 2000 people attended the exhibit.

C. LCDR Walter P. Martin, USN, a student at the school, was invited to participate in the 29th Annual Bing Crosby National Pro-Am Golf Championship on January 19-26. This was the second consecutive

year that a local Navy representative played in the world-famous tournament.

D. The American Red Cross Campaign for 1970 was conducted throughout the month of March. Total Naval Postgraduate School contributions amounted to \$4,687.91.

E. On March 22, the Protestant Women of the Chapel sponsored the Monterey Symphony and Choral Society presentation of Franz Joseph Haydn's "The Creation." Approximately 850 people attended.

F. The school's effort to enhance the appearance of La Mesa Village, the Navy residential area, continued throughout the year with several days of competition among tenants for awards honoring the most attractive housing units. La Mesa Beautification days were conducted on April 25, August 15 and November 21. As a result of the judging, residents have taken more pride in the appearance of their quarters. The beautification days will be scheduled each quarter.

G. In May, the NPS Sailing Association was officially formed, and by June the officers had been elected and the by-laws established. In September, the association accepted its first gift, a 30-foot Shields class sailboat named "Storm." It will be used both for recreational sailing and competitive racing.

H. The 1970 Navy Relief Drive was conducted from May 4 to June 6. Donations amounted to \$9,720.

I. The Naval Postgraduate School Little Theatre presented the following plays during the year :

- a. "Brigadoon" -- April 28 - 30.
- b. "Crawling Arnold" & "Sketches of Feiffer's People" -- July 31
- c. "Cat on a Hot Tin Roof" -- October 9, 10, 16 & 17
- d. "Cinderella" -- December 4 - 5

J. In July, the NPS Lacrosse Club was formed. A full schedule of matches with Northern California colleges is planned for the spring of 1971.

K. On July 4, in conjunction with local celebrations of Independence Day and the visit of three U. S. Navy ships, the Recreation Club sponsored NPS Recreation Day.

L. Vacation Bible School was conducted by the Protestant Chapel at La Mesa School during July 27-31. Approximately 1,000 students enrolled, with 150 volunteer teachers and workers holding classes. The school began with a bicycle parade through La Mesa Village and ended with a picnic for the children and their parents.

M. On December 6, the Pacific Ballet Company of San Francisco, Monterey Peninsula College and NPS presented the "Nutcracker Suite" at the school. More than 1,000 people attended.

N. The NALF Dispensary handled 46,097 out-patient visits in 1970. The staff conducted 2,659 physical examinations, wrote 49,496

prescriptions, administered 8,564 immunizations and took 11,857 x-rays. There were 27 admissions and 498 referrals during the year.

O. On December 8, the Naval Postgraduate School Foundation, Inc., was officially established to act as a conduit for gifts to the school. At the first meeting, the Foundation accepted a gift of stock from Cornelius Shields of New York to be used to purchase two Shields class boats for the school. Original members of the Foundation are RADM R. W. McNitt, CDR David N. Orrik (Secretary), Cyril Chappellet (Vice President), Robert M. Allan, Jr. (President), Emmett G. Solomon (Treasurer), Charles Kramer and Jack Westland.

7. PERSONNEL

A. During the year, the school graduated 823 officers in four ceremonies, an increase of 87 over 1969. Of this figure, 29 received Diplomas of Completion, 201 received the bachelor's degree, 566 received the master's degree, 4 the Aeronautical Engineer's Degree, 15 the Electrical Engineer's Degree, and 2 the Mechanical Engineer's Degree. Six officers were awarded the Doctor of Philosophy. Student enrollment at the end of 1970 stood at 1,882 compared to 1,485 at the beginning of the year, an increase of 397.

B. Student enrollment during the year was as follows:

(1)	<u>Total</u>	<u>New Inputs</u>
Quarter 3	1485	230
Quarter 4	1757	324
Quarter 1	1741	287
Quarter 2	1882	285

C. At the end of the year, the school had 262 civilian faculty members, 76 per cent of whom held the Ph. D. Fifty-two military faculty members were on board, with 23 per cent holding doctorates and 69 per cent holding master's degrees. Staff officer strength at the end of the year was 44; enlisted strength was 177.

D. The Navy Management Systems Center's manpower level at the end of 1970 was 12 civilian faculty members, 8 military staff and faculty, and 1 enlisted.

E. There were 395 graded civil service employees on board at the end of the year, and 162 ungraded workers.

F. Early in the year, the Chief of Naval Personnel gave the school authorization to recruit new faculty members at the height of the recruiting season. Fifty-one new civilian faculty members were added to the rolls, all of whom held doctorates or would attain that level by the end of 1970.

G. Effective July 1, all military messmen in the General Mess were replaced by contract civilian mess attendants. The conversion was in accordance with instructions from the Chief of Naval Operations.

H. On September 1, Dr. Robert F. Rinehart, academic dean at the school since 1965, retired from the faculty. He was succeeded by Dr. Milton U. Clauser, former director of the Lincoln Laboratory at the Massachusetts Institute of Technology. (See Appendix H).

8. VISITORS

A. The following distinguished guests visited the Naval Postgraduate School in 1970:

<u>DATE(S) OF VISIT</u>	<u>VISITOR(S)</u>	<u>PURPOSE OF VISIT</u>
MAR 27	LGEN Frank J. Sackton, USA, Comptroller of the Army	To address the Defense Management Systems Course Graduating Class
APR 11	VADM Constantine Margaritis, Commander of the Hellenic Navy	Orientation visit
MAY 1	The Honorable Charles A. Bowsher, Assistant Secretary of the Navy for Financial Management	To address the Defense Management Systems Course Graduating Class
MAY 6-7	RADM Heinz Kuhnle, Deputy Chief of Staff, German Navy	Orientation visit
MAY 6	The Honorable Robert A. Frosch, Assistant Secretary of the Navy (Research & Development)	To participate in briefing of Fleet Numerical Weather Central activities
MAY 8	ADM Fernando Porta, Commander in Chief of the Navy of Chile	Orientation visit

<u>DATE(S) OF VISIT</u>	<u>VISITOR(S)</u>	<u>PURPOSE OF VISIT</u>
JUN 24-26	RADM Dick H. Guinn, USN Deputy & Assistant Chief of Naval Personnel	Guest Speaker for the Naval Postgraduate School June Graduating Class
JUL 6-8	Dean W. F. Pounds, Sloan School of Management, MIT; RADM P. L. Lacy, USN, Director, Later Design Submarine Project; Mr. John Magee, Executive VP Arthur D. Little, Inc., Cambridge, Mass; Dean Henry Reining, Jr., School of Public Administration USC; RADM John A. Scott, SC, USN, Commanding Officer Ships Parts Control Center	Visiting Committee for Department of Business Administration & Economic & Management Curricula
JUL 13	The Honorable Robert C. Moot, Assistant Secretary of Defense (Comptroller)	To address the Flag & General Officers Defense Management Systems Course
SEP 10	The Honorable Spencer J. Schedler, Assistant Secretary of the Air Force (Financial Manage- ment)	To address the Defense Management Systems Course
SEP 21-22	RADM Colin C. H. Dunlop, CBE, RN, Commander British Navy Staff and British Naval Attache Washington, D. C.	Orientation visit
SEP 25	CAPT CHOE, Do-hee, ROKN, Chief of Faculty, Republic of Korea Naval Academy	Orientation visit
SEP 26	RADM Kenneth R. Wheeler, SC, USN, Commander Supply Systems Command	For discussions with Supply Corps Officers in the Monterey area

<u>DATE(S) OF VISIT</u>	<u>VISITOR(S)</u>	<u>PURPOSE OF VISIT</u>
SEP 30	RADM John G. Finneran, USN, Assistant Chief of Naval Personnel for Plans & Programs	Guest Speaker at the Naval Postgraduate School September Graduation Exercises
OCT 20	RADM William N. Leonard, USN, Commander Naval Safety Center	To review the Aviation Safety Program
OCT 22-24	RADM Thomas J. Rudden, Jr., USN, Anti-Ship Missile Defense Program Coordinator, OPNAV	To address the Navy League Banquet
OCT 27-28	MGEN Andrew S. Low, Jr., USAF, Director of Aero- space Programs, USAF Hq.	To address the Defense Management Systems Course
NOV 13	RADM Herbert Trebesch, Defense Attache, German Embassy, Washington, DC	General Orientation of Navy Management Systems Center
NOV 16	RADM William W. Behrens, USN, Oceanographer of the Navy	To discuss Oceanography matters and to visit the Fleet Numerical Weather Central
NOV 17	The Honorable Gardiner L. Tucker, Assistant Secretary of Defense for Systems Analysis	Keynote Speaker at the 26th Military Operations Research Symposium (MORS)
NOV 17	RADM Henry J. Rotrige, CHC, USN, Fleet Chaplain U. S. Pacific Fleet	To confer with Naval Post- graduate School Chaplains
NOV 18	RADM Thomas J. Christman, USN, Deputy Commander for Plans & Resources, Naval Ordnance Systems Command	To review Naval Post- graduate School Ordnance Program

<u>DATE(S) OF VISIT</u>	<u>VISITOR(S)</u>	<u>PURPOSE OF VISIT</u>
NOV 19-20	RADM Robert C. Gooding, USN, Vice Commander Naval Supply Systems Command & RADM Burton H. Andrews, USN, Vice Commander Naval Electronics Systems Command	To attend the Ship Engineering Education Committee Meeting
DEC 4	The Honorable Frank P. Sanders, Assistant Secretary of the Navy (Installations & Logistics) and The Honorable Burt L. Talcott, Representative 12TH Congressional District of California	To address the Department of Business Administration & Economics sponsored Procurement Seminar and to visit Fleet Numerical Weather Central
DEC 8-9	RADM Raymond J. Schneider, USN, Ass't Commander for Research & Technology, Naval Air Systems Command	To address Workshop on Flow in Turbomachinery & to conduct Aeronautical Engineering Programs Review
DEC 7-17	RADM Carl O. Holmquist, USN, Chief of Naval Research	To attend Workshop on Flow in Turbomachinery & to attend the Flag & General Officers Defense Management Systems Course
DEC 16	LGEN Frank J. Sackton, USA (Ret)	To address the Flag and General Defense Management Systems Course Banquet
DEC 18	RADM David H. Bagley, USN, Assistant Chief of Naval Personnel for Personal Affairs	Guest Speaker for the Naval Postgraduate School December Graduation Exercises

B. The Superintendent's Guest Lecture Series presents eminently qualified speakers on subjects which challenge the students in areas

outside their immediate academic fields. The following guest lecturers addressed the student body, staff and faculty during 1970:

January 20	The Honorable James D. Hittle, Assistant Secretary of the Navy for Manpower and Reserve Affairs
February 19	VADM Turner F. Caldwell, Director, ASW Programs
March 3	Project NIMROD, a study of the "Role of Sea Mines in Naval Warfare of the Future"
April 21	RADM Alexander S. Goodfellow, Jr., Commander Operational Test and Evaluation Force
May 12	VADM E. P. Aurand, Commander, Anti-submarine Warfare Force, Pacific Fleet
May 26	Dr. Wayne A. Wilcox, Chairman, Department of Political Science, Columbia University
September 15	CAPT J. H. D. Williams, Assistant Commander for Communications Security, Naval Security Group Command Headquarters

C. Seven ships paid port calls to the Monterey Peninsula during the year. (See Appendix I for visit schedules). They were:

- (1) Feb 5-7 USS MADDOX (DD 731) on a good will visit.
- (2) March 21 USS TWINING (DD 540), naval reserve training ship.
- (3) July 2-6 USS HEPBURN (DE 1055), USS TACOMA (PG 92) and USS WELCH (PG 93), which participated in the annual Sloat Landing Celebration and Monterey's Bicentennial activities. Also included was the precision drill team from the USS PROVIDENCE (CLG 6).

(4) Oct 22-26

USS BEACON (PG 99) and USS GREEN BAY
(PG 101), which participated in Navy Day
activities and the Grand Finale of the
Peninsula's bicentennial.