



THE UNITED STATES NAVAL WAR COLLEGE

SCHOOL OF NAVAL COMMAND AND STAFF

GROUP STUDY PROJECT, 1969



THE PRODUCT OF THE SCHOOL OF NAVAL
COMMAND AND STAFF (U)

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Newport, R.I.

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The contents of this paper reflect our own personal views and are not endorsed by the Naval War College or the Department of the Navy.

April 1969

INTRODUCTION

In January 1968, the Chief of Naval Operations, Admiral Thomas H. Moorer, in a letter to Vice Admiral John T Hayward, President of the Naval War College, spoke of the problems encountered in gaining approval for personnel increases and the military construction program of the War College. Admiral Moorer stated, "As I see it there is absolutely no question about the requirement. Our problem is to convince cognizant high-level offices in the Secretariat of both the Navy and OSD." In order to justify construction, faculty, and curriculum, the Navy must first be able to state in well-defined terms the qualitative and quantitative requirements for graduates of a service school. (24:1)

This study concentrates on the Command and Staff Course of the Naval War College and addresses two questions--What should the product of the School of Naval Command and Staff be in terms of acquired skills and knowledge; and, How many graduates having the aforementioned skills and knowledge are required annually? The proverbial "chicken and the egg" paradox is encountered in an attempt to separate the two questions. Having determined the quality of skills to be imparted to a Command and Staff graduate, a billet analysis to determine quantitative requirements should logically follow. An equally valid argument could be made for first determining

those billets for which a Navy officer can best be trained by attendance at a service school, then tailoring the school's curriculum to provide the skills required in filling the selected billets. Hence, although the two questions were studied somewhat independently, each study provided inputs to the other.

A study of the mission statement of the School of Naval Command and Staff was the starting point for each study. The following revised purpose of the school, forwarded by the President of the Naval War College to the Chief of Naval Operations for approval on 9 May 1968, was considered the most current official thought on the qualitative requirement for professional education at the command and staff level:

(See Appendix I)

"(1) Purpose. To conduct instructional programs which will provide through advanced study and research:

(a) Proficiency in the military planning process directed at naval and joint operations at the task force and task group levels.

(b) An understanding of the fundamentals of warfare, naval weapons and weapons systems, concepts of strategy, including the associated tactics and logistics, and a working knowledge of doctrine.

(c) An understanding of the principles and purposes of international relations, international law and international economics.

(d) An understanding of the concepts of military management including an appreciation of the associated principles involved in cost effectiveness, systems analysis and the decision-making process.

(e) A knowledge of the organization and procedures in the formulation of national security policies, including an understanding of the factors involved in insurgency and counter-insurgency operations.

(f) A knowledge of supporting Fleet operations, including communications and intelligence.

(g) Understanding of public affairs in general with emphasis upon public relations as a function of command."
(25:3-4)

The content of the present curriculum and the refinement of the skills and knowledge that should be provided by the curriculum was evaluated by directing a questionnaire (see Appendix II) to the consumer (user) of the product of the School of Naval Command and Staff, namely, selected senior naval officers. Additionally, a statistical analysis of the officer input based on biographical sketches was conducted to provide the input profile to correlate the results of the questionnaire.

An analysis of the Commander 05 billets was conducted utilizing the delineation of the skills and knowledge of the product to determine what billets could best utilize command and staff graduates.

The purpose of this study then was to identify the product of the Naval Command and Staff School and conduct a billet analysis to determine Navy requirements for these graduates in order to provide a basis for a critical analysis of the school and its curriculum to produce the necessary

graduates in sufficient quantity and quality to satisfy the Navy's requirements.

SUMMARY

The purpose of the study was to identify the product of the Naval War College, School of Naval Command and Staff, in terms of acquired skills and knowledge, and to determine the Navy's numerical requirements for command and staff graduates.

PART I

The analysis conducted to identify the product utilized two means of investigation: First, a student biographical input analysis to determine the student input profile; and second, a questionnaire to determine naval flag officer's evaluation of what the curriculum and in turn the product should be.

A. Findings--Biographical Input Analysis

1. 90% of incoming students have a Baccalureate degree and 20% have Graduate degrees.
2. Average years of commissioned service for incoming students has increased to 12 years.
3. There has been a decrease in surface line officer students from 33% to 15.8%.
4. Command and executive officer experience of surface officers has been decreasing, from 58% command and 78% executive to 25% command and 50% executive.
5. The diversity of experience among officers has been decreasing. 33.4% of surface and 43.3% aviation officers of the present class have served in only one type ship or squadron.

6. 53% of the surface and 35% of aviation officers have had staff duty prior to attending SNC&S. 33% of the surface and 11% of the aviation officers have had Washington duty prior to attending SNC&S.

B. Findings--Flag Officer Questionnaire

1. The following subjects require more emphasis in the SNC&S:

- (a) Effective Writing
- (b) Effective Speaking
- (c) Joint/Combined Planning
- (d) Systems Analysis/Resource Management
- (e) Automatic Data Processing
- (f) Electronic Warfare
- (g) Submarine Warfare

2. The questionnaire brought forth the following observations that should be mentioned:

- (a) The after-hours courses are a favorable adjunct.
- (b) The University Cooperative Programs are disfavored or favored with qualifications.
- (c) The fundamentals of Naval Warfare should be stressed at all costs.
- (d) Graduates of the SNC&S perform in a superior manner.
- (e) Extensive time should be provided for professional reading.
- (f) Personnel Management should be included in the curriculum.

- (g) Courses orientated to command preparation should be provided.
- (h) All line officers promoted to Commander should be graduates of a service college.
- (i) SNC&S should be offered twice a year and officers should attend early in their careers.

C. Conclusions. The Study Group concluded that the product of SNC&S should be:

1. A junior middle grade officer.
2. He should be well prepared and familiar with Naval and Joint planning.
3. He must be prepared to follow all techniques of communication, and to "sell" his product (the results of research) orally or written.
4. He should understand those procedures and techniques utilized by DOD and large business firms in the management of large organizations.
5. He should be well prepared to conduct research, prepare and present solutions to problems in an effective manner.
6. He should be familiar with the Navy in general and understand the capabilities and limitations of all phases of Naval Warfare.
7. He must be proficient in resources management.

PART II

The analysis to determine the Navy's numerical requirements for command and staff graduates was conducted in two steps. First, an analysis was made of all Commander billets to determine which billets require a command and staff

education. Second, once the numerical requirements were established an analysis was made to determine the existing inventory and from this data annual training requirements were determined to attain and sustain the required total gross inventory.

A. Findings and Conclusions

1. 54.4% (2799) of the unrestricted line and 20.2% (496) of the restricted line and staff Commander (05) billets require a command and staff graduate. This figure coupled with a nonavailability assignment requirement produced a gross requirement of 3500 unrestricted line and 625 restricted line and staff graduates.

2. The present inventory of 1254 unrestricted line and 145 restricted line and staff is inadequate to staff the billets designated. To build up to the required inventory at a feasible rate will require about eight years with final inventory figures attainable within sixteen years.

3. The present programmed buildup for the Naval War College, SNC&S, an annual enrollment of 400 students by 1980, will produce the necessary unrestricted line annual quota (363) by 1979. However, present programmed quotas for restricted line and staff will not produce the necessary annual quota (81) under current planning factors. To meet total annual requirements a yearly quota for SNC&S of 444 would be required (363 URL and 81 RL&S).

PART III

A. Recommendations

1. The following subjects should be established as separate courses in the Core Curriculum:
 - (a) Effective Writing
 - (b) Effective Speaking
 - (c) Electronic Warfare
 - (d) Techniques of Systems Analysis/
Resources Management
 - (e) ADP/EDP
2. Joint/Combined Planning in the OSD environment should receive more emphasis in the NOP-Military Planning part.
3. Submarine Warfare should be accorded separate emphasis in the NOP-Naval Warfare part.
4. The University Cooperative Program should be continually reviewed in relation to Naval War College objectives.
5. SNC&S should be run as a true Graduate School and non-degree students admitted only after having achieved a satisfactory score on the Graduate Record Examinations.
6. Committee seminar technique should be reviewed to insure adequate distribution of practical expertise in all committees.

7. Steps should be taken to return average total years of commissioned service for incoming students to a lower level.

8. The SNC&S should assume primary responsibility for increasing the total Naval inventory of C&S inventory of unrestricted line officers.

9. The quotas for restricted line and staff should be reviewed and increased where necessary to bring them up to the levels required to attain and sustain the required annual quota of 99.

10. The program quota buildup for SNC&S should be established as a firm long range goal for unrestricted line officers.

11. The Bureau of Naval Personnel should re-massage the billets selected by the Study Group in conjunction with the individual units, to further refine the initial analysis.

12. The billets identified by this study should be coded. OPNAVINST 1211.6B PROPOSED and BUPERSINST 1210.13A PROPOSED offer a logical approach.

13. If the average output years of commissioned service of SNC&S is lowered below 11 years a re-evaluation of the gross inventory requirements must be made. Additionally, an analysis should be made of senior 04 billets to determine what billets should be considered for C&S education requirements.

14. Junior Commanders should continue to be sent to C&S level schools.

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THE PRODUCT OF THE SCHOOL OF NAVAL COMMAND AND STAFF (U)

CHAPTER I

IDENTIFICATION OF THE PRODUCT OF THE
SCHOOL OF COMMAND AND STAFF

A. GENERAL

One of the first problems that confronted the study group was that of establishing a valid criterion against which to measure "the product of the School of Naval Command and Staff." What should a graduate of the School know? And by implication, what should be contained within the course of study? It is the mission of the School to "instruct and develop officers of the middle grades (10-14 years service) in the employment of naval forces and operational and administrative techniques of staff planning and, to prepare them for command and for duty at the group and force levels in fleet operations," but this does not go very far toward defining what it is that a student should be taught. (Appendix B-1)

Several alternative criteria against which to measure the content of the course were considered: official policy statements; the considered opinions of previous graduates; an analysis of the kinds of billets a graduate might be required to fill, and the requirements for knowledge in those billets; and the considered opinions of seniors as to what the product of the school should be. Only a preliminary examination of

published guidance was required to determine that no precise guidance could be expected from that quarter. The opinions of previous graduates as to what should be contained in the course were more promising--and to a considerable extent already available in a previous study. (l:v.p.) Although not directed to exactly the same concerns as this study, the 1968 group study contains much that is pertinent, some of which is referred to below. An analysis of billets, followed by determination of specific education required to fill those billets, was considered and such an analysis constitutes the other portion of this study. However, because of time requirements (the billets had to be first identified), and because of the difficulty of determining accurately exactly what education is required to best fill a particular billet, this alternative was discarded as a possibility.

The real test of the product of the School of Naval Command and Staff is how well they are able to carry out their subsequent military assignments, as compared with how well they would have been able to do those assignments without attending School. Obviously it is almost impossible to measure this directly--but probably the senior officers for whom the graduates work are in the best position to assess the product of the School. Accordingly, it was determined that the principal research method of this study would be a survey of senior naval officers.

A questionnaire was to be prepared which would solicit the opinion of all of the active duty officers of flag rank in the Navy currently serving in command positions. This questionnaire (which is included as Appendix B) solicited the opinion of each Admiral as to "what subject taught in the School of Naval Command and Staff would best prepare officers to serve under your command."

The questionnaire itself outlined the present course of instruction in the School in some detail. Each major study was broken down into its component parts, and the respondent was asked to indicate in the light of his professional experience "the importance of each course of instruction within each study for the education and professional development of a middle grade naval officer by rating each course of instruction on the scale of 10 to 1 provided." A rating of 10 was used to indicate most important, and a rating of 1 for least important. In each case blank spaces were provided for the respondent to enter and rate any suggested additional courses of instruction. At the end of the questionnaire the respondent was invited to make any comments he desired upon the entire curriculum. Eighty-five of the respondents did make such comments, some of which ran to two pages. Some of these comments will be referred to subsequently.

As already mentioned, it was determined to solicit all active duty flag officers in command positions. The final

mailing list consisted of 231 flag officers: 8 in the grade of Admiral, 36 Vice Admirals, and 187 Rear Admirals. The return rate was exceptionally high for a mail survey, a total of 78.4% (181) of the questionnaires having been returned. Because of time considerations it was necessary to eliminate some of the late returns in compiling the figures reported with regards to Section I of the questionnaire. Six of the questionnaires were eliminated on this basis, leaving 175 questionnaires to serve as the basis for analysis.

An examination of the late returns does not indicate any notable differences from the earlier returns, and with the high return rate already mentioned, it is reasonable to assume that the opinions reported in this study are fully representative of U.S. Navy flag officers in terms of sample base. It should be borne in mind, however, that the brief period of time that is likely to be devoted to the chore of answering a mail questionnaire of this kind does not always produce the same answers that would result from more careful reflection. Further, since in most cases the respondents have not been in direct association with the School for some time, with some of them never having attended the School at all, they inevitably lack intimate knowledge of the School and its curriculum. An attempt was made to overcome this problem by including a reasonably comprehensive description of the curriculum in the questionnaire--but even a much lengthier treatment than was possible in the body of the

questionnaire would be inadequate to give a full and accurate picture of a ten-month course. It does not seem to the committee that these problems are too serious, but they should be borne in mind as the results of the survey are reported in the succeeding sections.

In conjunction with the questionnaire an input analysis was reasoned to be necessary to provide a profile of the incoming student according to category (designator), educational background, years of commissioned service and past assignments. This information was necessary to correlate the results of the questionnaire.

B. INPUT ANALYSIS

In order to determine the profile of the incoming student to the School of Naval Command and Staff, five class years were analyzed. Student backgrounds were examined with respect to category, education, years of commissioned service and past assignments. Emphasis in the analysis was placed on evaluating the operational experience of naval line officers.

The background data on the student officers is presented in graphical form for ease of interpretation, and a concise and comprehensive analysis by the reader. Appendix D contains detailed yearly analysis charts to supplement the charts displayed in this section.

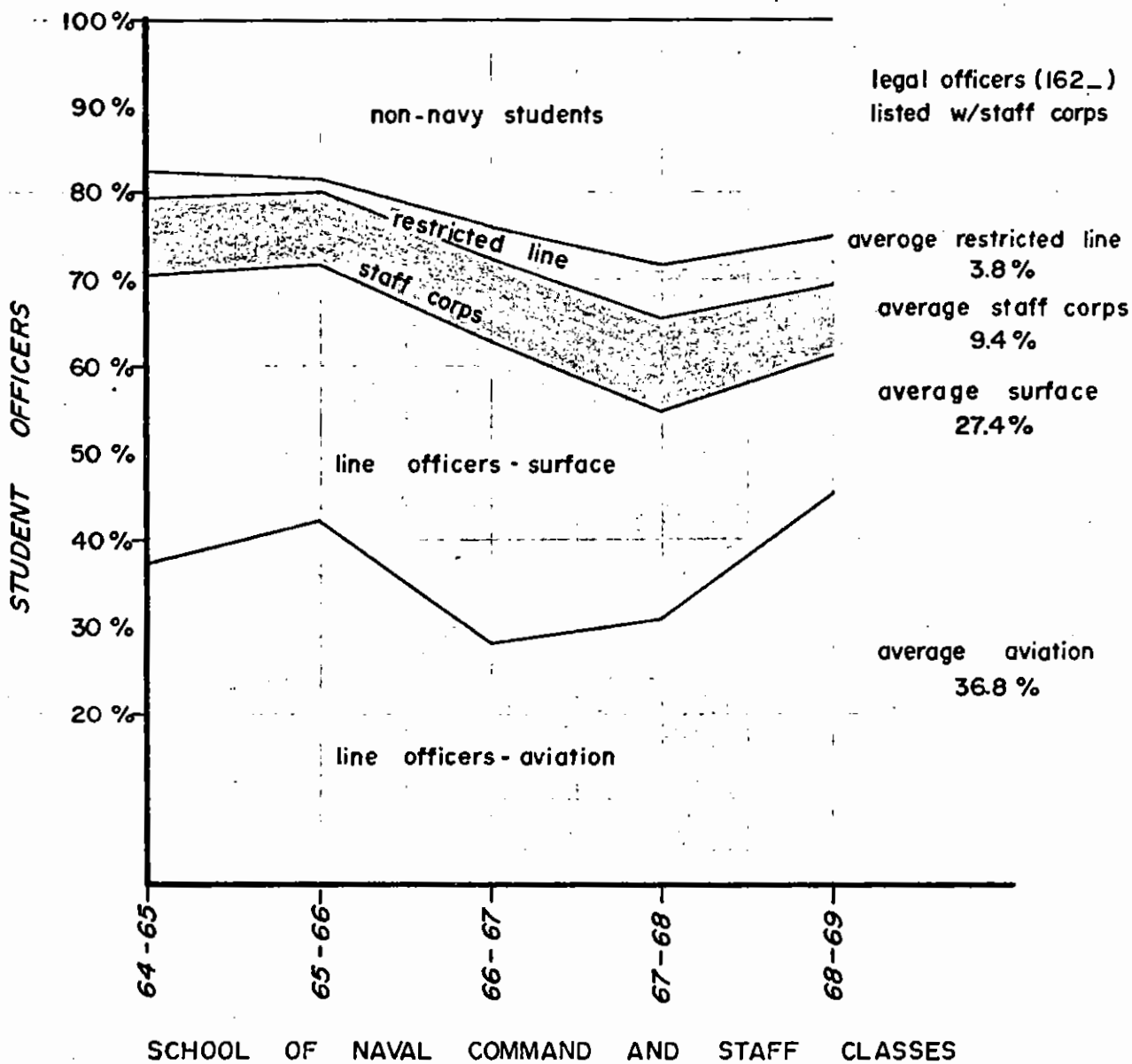
The background information on the student officers for the School of Naval Command and Staff, classes of 1964-1965 through 1968-1969, was accumulated from biographical data published by the Naval War College. (22:v.p.) Distinction between ship-based and shore-based staff assignments was based on OPNAV Instruction 3111.14M. (8)

OFFICER CATEGORY

The number of Student Officers in each class year is broken down by service and Naval Officer category, and is presented in tabular form on page 181-185. The graph on page 8 shows an analysis of the Naval Officers by category over the past five years. In the graphical presentation Legal Officers (designator I62_) and Judge Advocate Officers (designator 250_) are combined and are depicted with Staff Corps Officers.

UNITED STATES NAVAL WAR COLLEGE
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— NAVAL OFFICER CATEGORY —

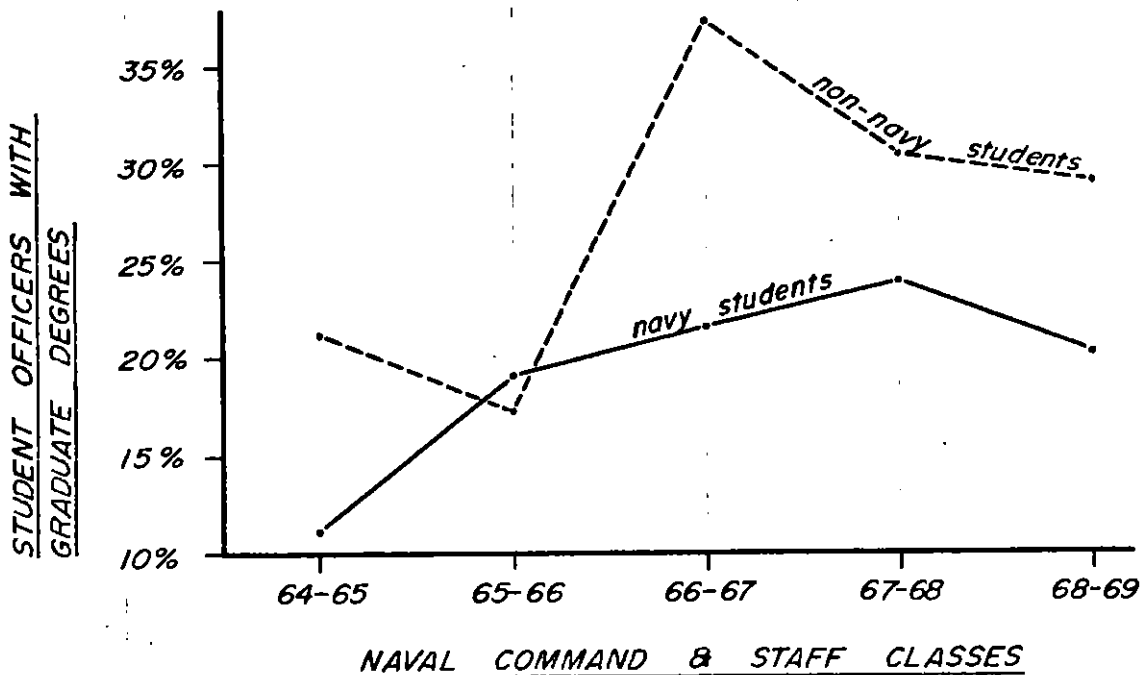
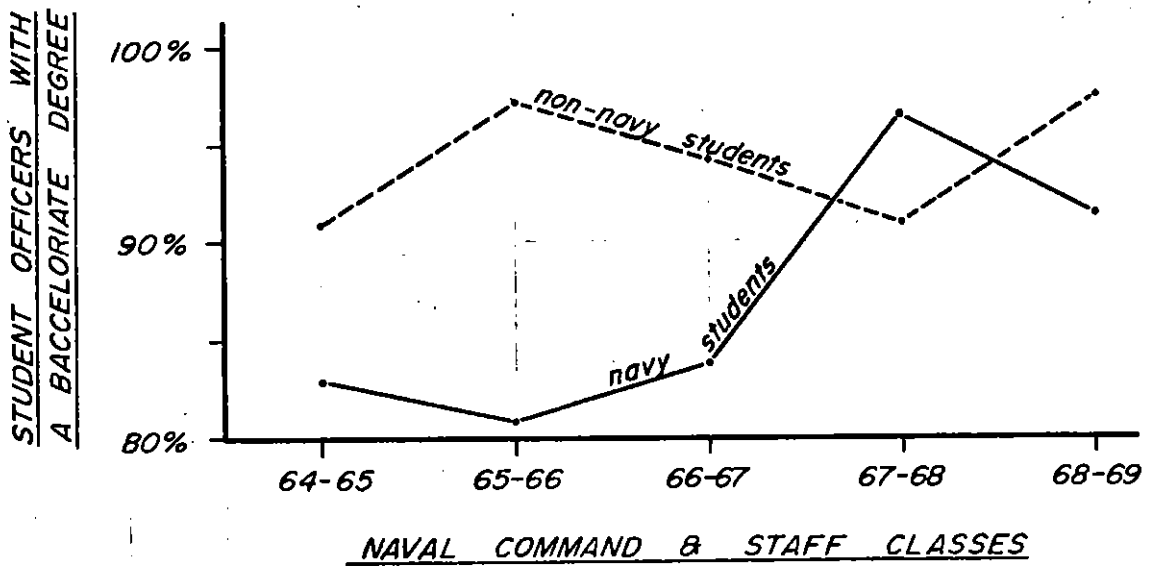


EDUCATIONAL BACKGROUND

All students were categorized according to the highest level of education achieved. Seven arbitrary levels of educational achievement, ranging from a High School Diploma to a Doctor of Philosophy, or Doctor of Medicine, were selected for ease of classification. The following graph (p. 10) depicts the educational background of the incoming students by class years. The graphs (p.186-190) show the trends over the past five years, and compare the educational levels between the Navy and non-Navy students.

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF

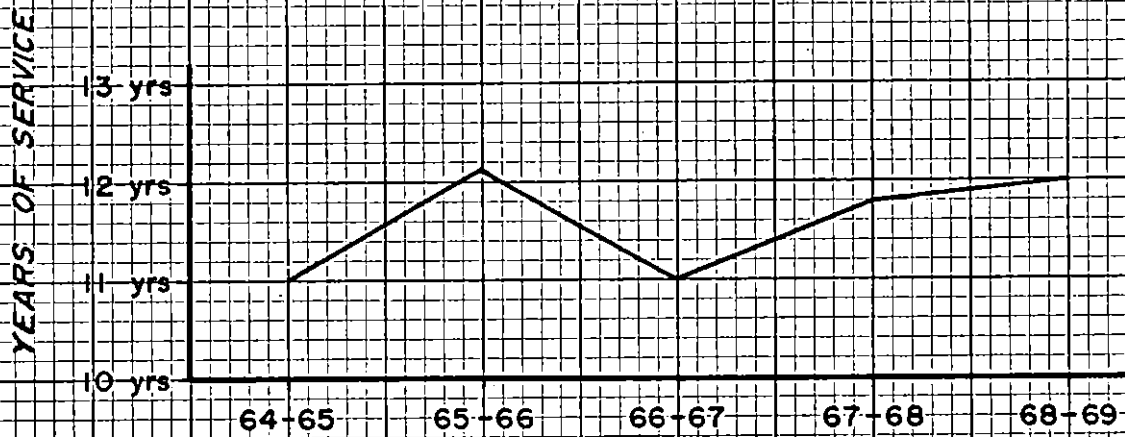
- EDUCATIONAL BACKGROUND -



Years of Commissioned Service. Students from all services were categorized according to years of Commissioned Service completed as of the start of the school year. Over the five year period students attending the School of Naval Command and Staff have had between 8 to 20 years of Commissioned Service. The majority of the students fall in the 10 to 13 year category. The graphs (p. 191-195) show the years of Commissioned Service by class years. The graphs (p. 12) indicate the trends and compare the average years of service between the Navy and non-Navy students for the five year period.

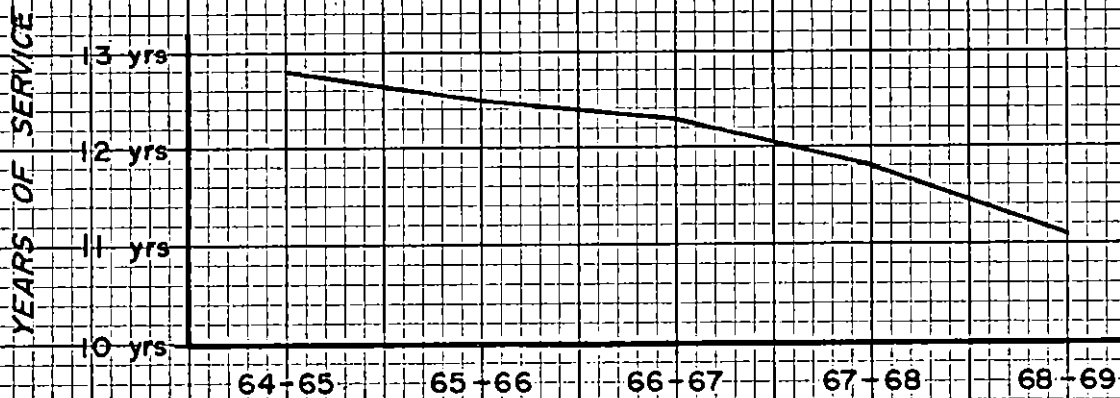
UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— YEARS OF COMMISSIONED SERVICE —



— NC & S CLASSES —

NAVY STUDENTS



— NC & S CLASSES —

NON-NAVY STUDENTS

Assignment Experience. A detailed analysis of assignment experience was conducted for Naval Line Officers: Surface (designator IIO_) and Aviation, Pilot (designator I3I_). A comparison of duty assignments in Command, XO, and Staff positions between the IIO_ and I3I_ Officers is depicted graphically on page 14.

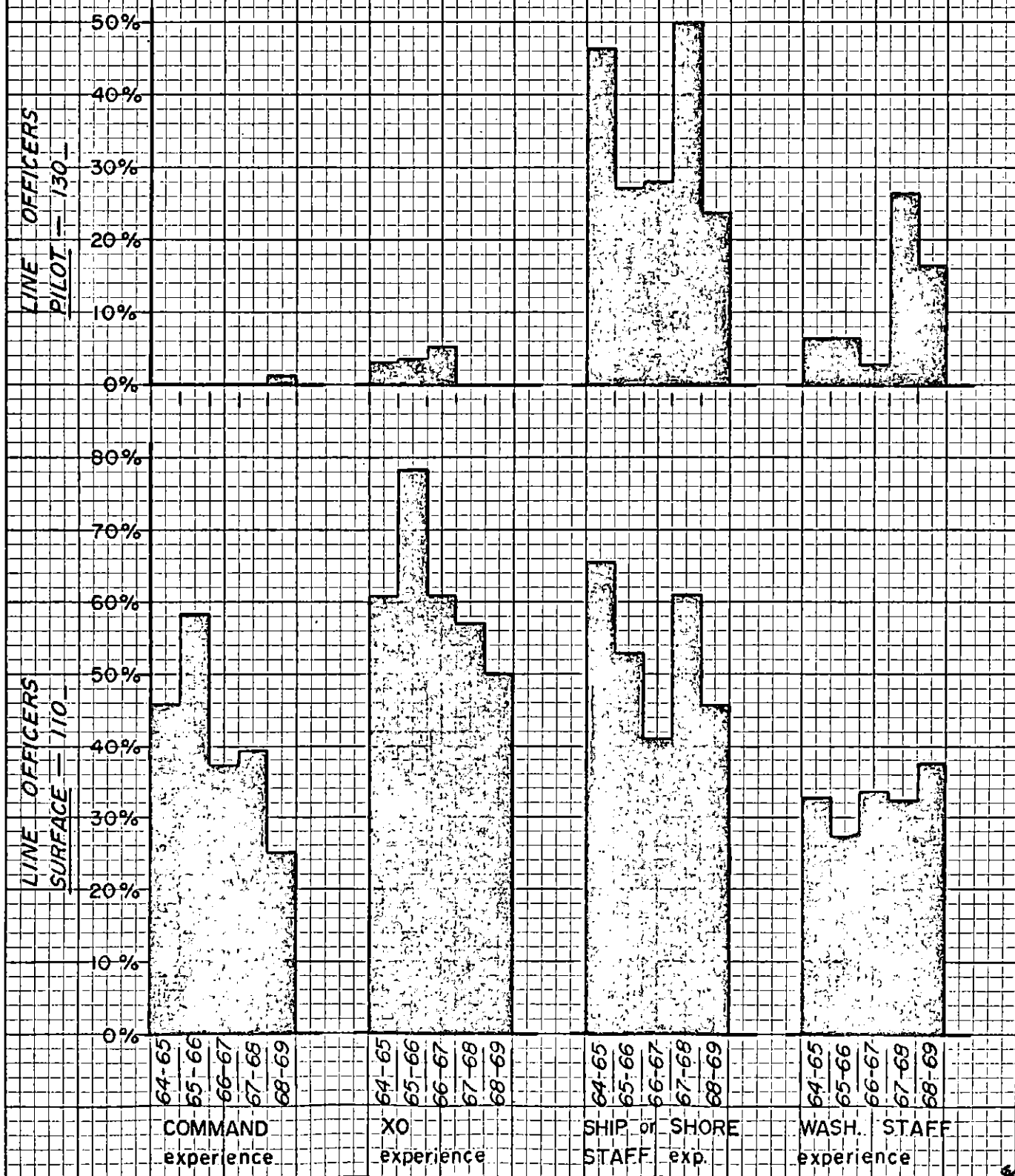
The operational experience of the Surface (designator IIO_) Officers aboard ships was divided into eight ship categories:

1. Cruiser - CA, CAG, CC, CG, CL, CLG, and BB
2. Carrier - CVA, CVL, and CVS
3. Destroyer - DE, DEG, DER, DD, DDG, DDR, DL, and DLG
4. Patrol - PCE, PCER, and PG
5. Mine - DM, MCS, MNF, MSC, MSF, MSO, and MSCO
6. Amphibious - AGC, AKA, APA, AFD, LFD, LFH, LSD, and LST
7. Submarines - AGSS, SS, SSG, SST, SSN, and SSBN
8. Auxiliary - AD, ADG, ADR, AD, AF, AFS, AG, AGS, AGTR, AH, AKS, AN, APB, APG, AR, ARC, ARG, ARL, ARS, AS, ASR, ATA, ATF.

Their experience is analyzed graphically on page 15.

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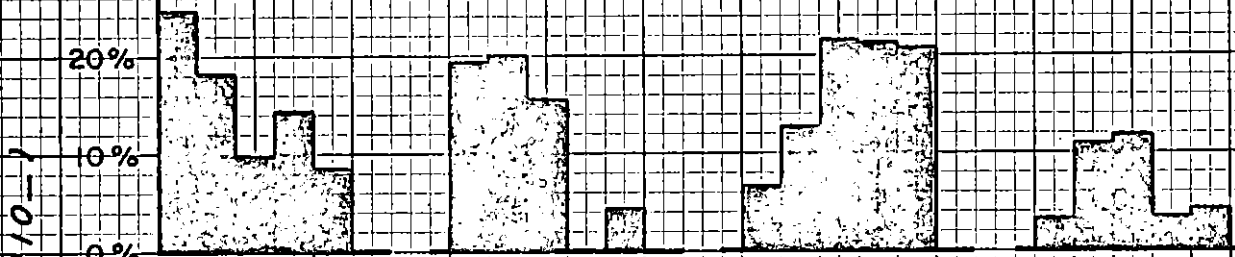
— ASSIGNMENT EXPERIENCE —



K&E 5 X 5 TO 1/2 INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— ASSIGNMENT EXPERIENCE —



CLASS	CRUISER	CARRIER	SUBMARINE	PATROL
64-65		64-65	64-65	64-65
65-66		65-66	65-66	65-66
66-67		66-67	66-67	66-67
67-68		67-68	67-68	67-68
68-69		68-69	68-69	68-69



DESTROYER AMPHIBIOUS MINE AUXILIARY

KE 5 X 5 TO 1/2 INCH 46 0860
 7 X 10 INCHES MADE IN U.S.A.
 KEUFFEL & ESSER CO.

The operational experience of the Pilots (designator I3I_) was divided into nine aircraft squadron categories:

1. Fighter ----- VF
2. Attack ----- VA, VAH
3. Recon ----- RVAH, VFP, VAP, VQ
4. Patrol ----- VP, VW, VAW, AEW
5. ASW ----- VS, HS
6. Transport ----- VR, VRF
7. Utility ----- VC, VU, HU
8. Training ----- VT, HT
9. Experimental -- VX

Their experience is analyzed graphically on page 17.

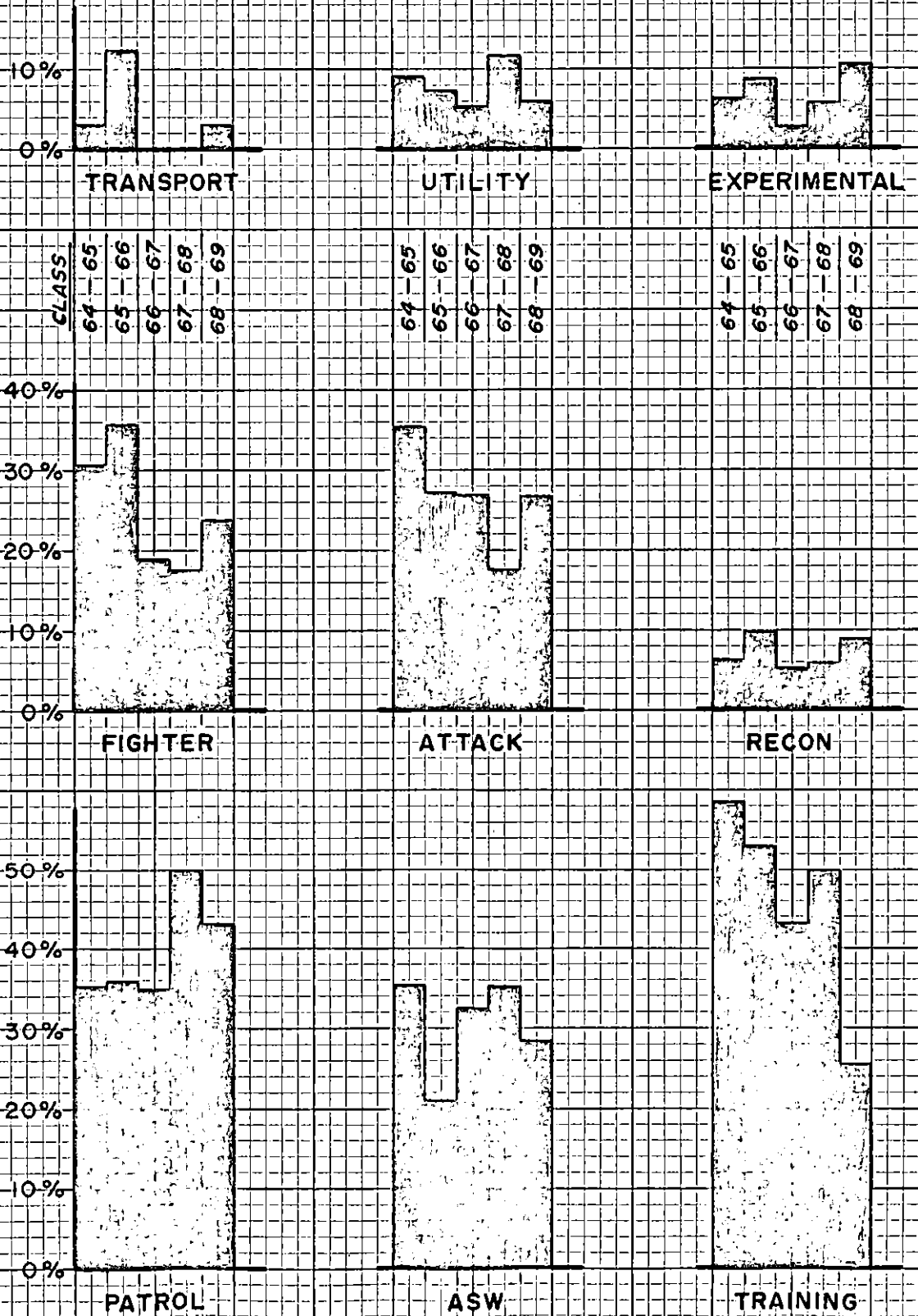
The diversity of experience of IIO_ and I3I_ Officers over the past five years is analyzed on page 18.

Appendix I provides a detailed graphical analysis of the Operational Experience of both IIO_ and I3I_ Officers by class years.

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— ASSIGNMENT EXPERIENCE —

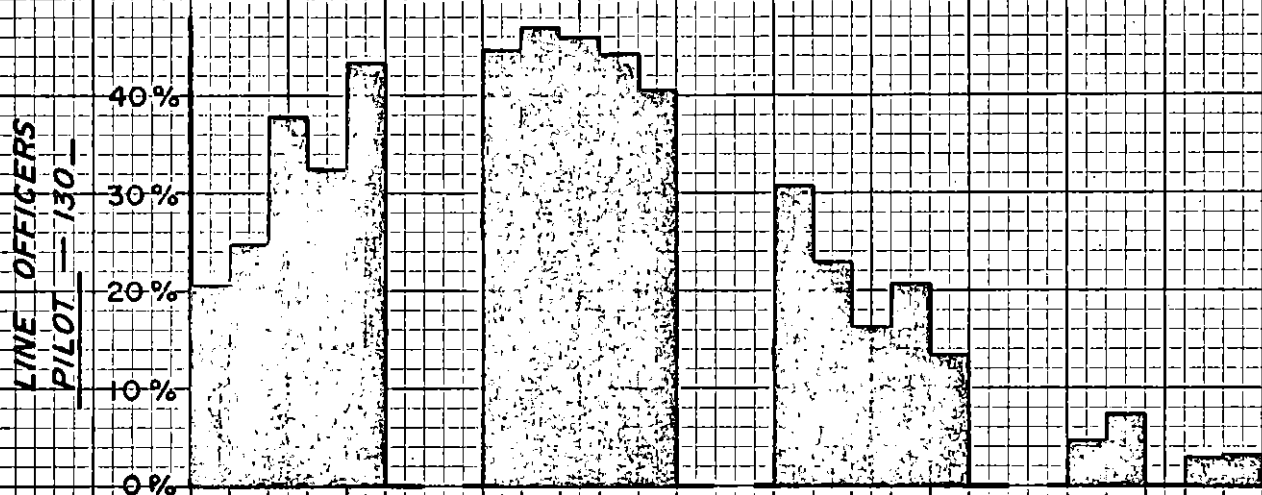
LINE OFFICERS — AVIATION, PILOT — (131)



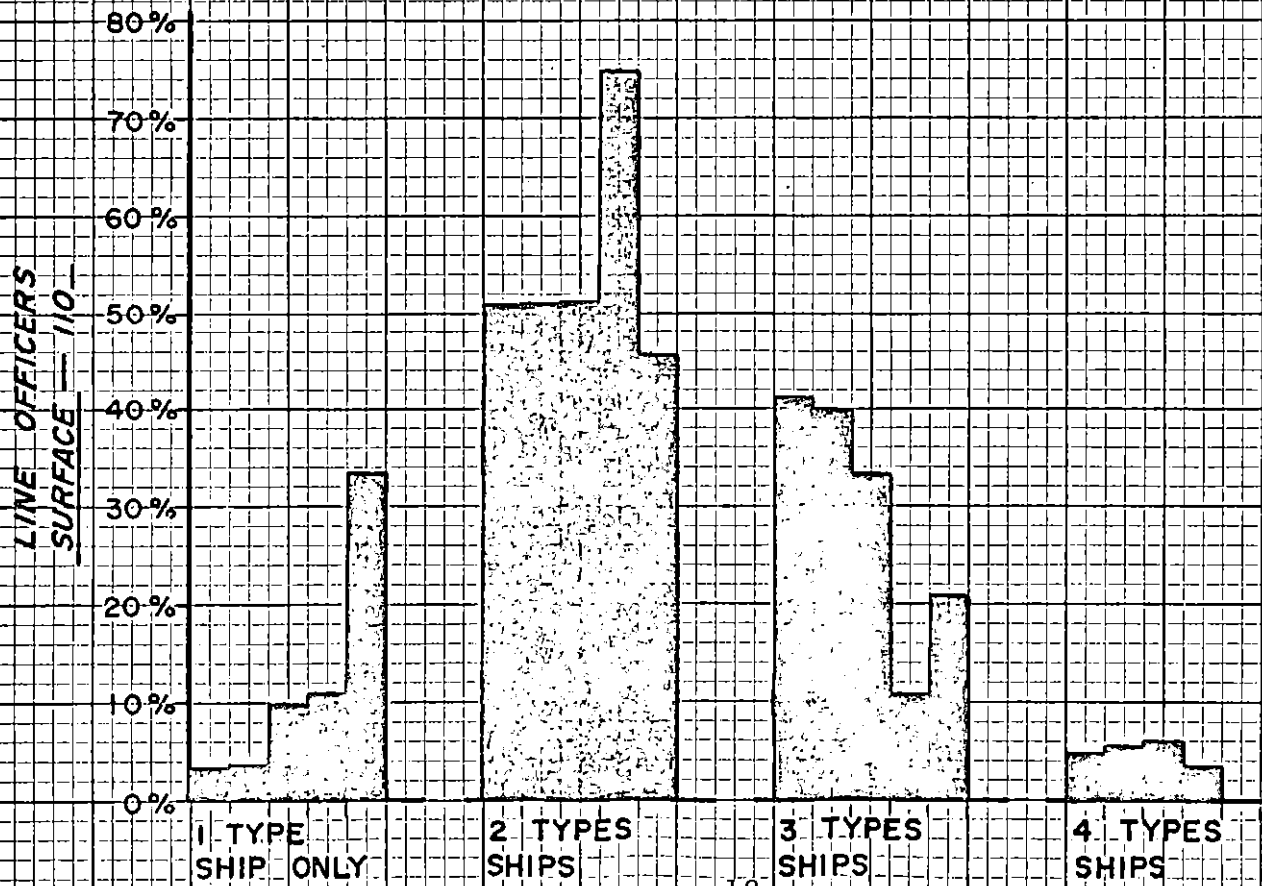
KE 5 X 5 TO 1/2 INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
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— DIVERSITY OF EXPERIENCE —



CLASS	1 TYPE A/C SQD. ONLY	2 TYPES A/C SQD.	3 TYPES A/C SQD.	4 TYPES A/C SQD.
64-65		64-65	64-65	64-65
65-66		65-66	65-66	65-66
66-67		66-67	66-67	66-67
67-68		67-68	67-68	67-68
68-69		68-69	68-69	68-69



CLASS	1 TYPE SHIP ONLY	2 TYPES SHIPS	3 TYPES SHIPS	4 TYPES SHIPS
64-65		64-65	64-65	64-65
65-66		65-66	65-66	65-66
66-67		66-67	66-67	66-67
67-68		67-68	67-68	67-68
68-69		68-69	68-69	68-69

C. QUESTIONNAIRE STATISTICAL ANALYSIS

This section of the report deals with the results of Section I of the questionnaire, where specific questions were asked, the courses of study presently offered were broken down into major areas of study, and these courses were rated: first, by their relative importance, one course to another, within a major study area; and second, by the relative importance of the major study area themselves.

It should be noted, at this juncture, that the questionnaire did not accomplish all it was originally hoped it would. It was the desire of the group that some meaningful base would be established, from which a truly objective, quantifiable, and unimpeachable analysis could be made. The group temporarily lost sight of the fact that measurements were being attempted from a basically subjective area, where semantics, interpretations, and personal bias cannot be totally eliminated. This became more apparent as a review of the completed questionnaire was made, and as the discussion as how to analyze them progressed.

For example, it can be argued that individual subjects in one area cannot be compared to a subject in another area because the two courses were rated separately, and that it

would require a rating of the two subjects, one against the other directly, to establish their relative importance. On the other hand, it can likewise be argued convincingly from the rating system employed, while not establishing absolute rankings between two subjects in different major areas, certain basic inferences can be logically established.

In addition, the limitation of time and physical facilities precluded additional analysis which may have proved revealing, such as a breakdown of the ratings of subjects based on the respondents designators, past duty assignments, service school educational background, etc. To conduct such an analysis would require EDP or ADP facilities which were not available, or an inordinate amount of manual effort. Nevertheless, such an analysis well might produce meaningful correlations.

Bearing in mind, then, that the group realizes the questionnaire is not a perfect instrument, and that virtually none of what is concluded is empirically derived, absolute "truth," the reader can still gain valuable insight into what the product of the Naval Command and Staff School should be, as defined by knowledgeable, experienced consumers of the school's products. We do believe that the observations,

conclusions, and recommendations contained herein do have basis in the data, and that at worst they offer a basis for further, more complete analysis of the data already gathered.

Analysis of the Fundamentals of Strategy Study. In this question there were five separate courses of study to be considered. The object of the question was to obtain a judgment of the relative importance of these subjects in the opinions of the respondents marking the questionnaire. Based on the value marking system of 10 points being the most important, and working down the scale of importance to a marking of 1, the mean score for these subjects are as follows:

<u>Subject</u>	<u>Mean Score</u>
International Relations	8.5
Concepts of Strategy	8.4
Military Management	8.2
Economics	6.8
International Law	6.5

It is apparent that these five subjects break out into two rather distinct groups, according to the survey, with International Relations, Concepts of Strategy, and Military Management rating relatively high in one group, and Economics and International Law comprising the group considered less important.

International Relations received the highest number of 10 point marks with 66. Almost as many respondents (62) considered Military Management to be a "most important" subject. The primary reason for the relative ranking difference between Concepts of Strategy and Military Management appears to be in the number of 9 and 8 point marks these courses received.

Economics and International Law were considered to be of relatively less importance to the middle-grade Naval officer, and some of the questionnaires contained comments which indicated these courses were not necessary at all.

Analysis of Naval Operational Planning - Naval Warfare.

The distribution of the mean scores for the seven subjects rated in this major study area would result in a relatively smooth distribution curve, tailing off more sharply at the lower end of the scale. For four of the subjects, only .9 of a point separated the subject considered most important, and the fourth most important subject. There was a relatively significant drop in the mean scores between all of the remaining subjects, however, so that it is not practicable to classify the three remaining subjects into a single group. The mean scores for the seven courses, are as follows:

<u>Subject</u>	<u>Mean Score</u>
The Threat	9.0
Antisubmarine Warfare	8.7
Strike Delivery Systems	8.4
Antiair Warfare	8.1
Amphibious Warfare	7.6
Inshore Warfare	6.7
Mine Warfare	6.1

In this particular major area of study, an analysis of the distribution of the marks for the individual subjects is also interesting. The mode for these seven courses of study are as follows:

<u>Subject</u>	<u>Mode Score</u>	<u>Raw Number</u>
The Threat	10	103
Antisubmarine Warfare	10	54
Strike Delivery Systems	9	50
Antiair Warfare	9	37
Amphibious Warfare	8	45
Inshore Warfare	5	30
Mine Warfare	6.5	25

The answers to the survey showed that for this major study area the Threat and Antisubmarine Warfare were clearly favored as being the most important subjects to be learned. Antiair Warfare, Strike Delivery Systems, and Amphibious Warfare showed general agreement as to relative importance within the major study area, but the response to both Inshore and Mine Warfare was spread through the whole spectrum of the ratings.

Some conclusions can be drawn from these ratings. First, it is quite possible that the questionnaire (and perhaps the curriculum itself) was not properly oriented to establish the difference between Antisubmarine Warfare against submarines as opposed to against the submarine launched missile. It is possible that the submarine launched missile was included by some respondents as an air threat, and vice-versa. The problem and methods of defense and attack change drastically once a submarine has launched its missiles, and it is probable that this difference influenced the respondents when they considered these two subjects.

Second, while no breakdown by designator was made for comparison of responses to the questionnaire and the area of expertise of the respondent, it was generally noted that the respondents placed more importance on areas of operations with which they were more familiar, and consequently were more aware of the problems of coping with a particular type of warfare. Related to this is the fact that some comments in the questionnaire indicated that there may be a lack of awareness on the part of even our senior officers as to the total capabilities of our potential enemies. One comment is illustrative of this point. From questionnaire 197 comes

this remark: "I marked Mine Warfare high because too many naval officers are totally unfamiliar with its strategic and tactical potential and never have an opportunity to become aware of it. Amphib Warfare is marked high because it offers great opportunity for influencing U.S. policy in future cold war atmosphere"

Likewise, the "unglorious" and "unglamorous" jobs, such as the Service Force responsibilities, are likely to be overlooked. The involvement of "Inshore Warfare" with Viet Nam and the controversy on where, if at all, it should fall within the Navy, tends to degrade the amount of importance placed upon it by some respondents.

None of this is an attempt to justify or up-grade the importance of any of these subjects--it is merely an attempt to conclude the reasons for the relative marks these subjects received on the questionnaire.

Analysis of Naval Operational Planning - Military Planning.

Little can be said of the rating of the four areas of study in this major study group which is not described by the mean scores given the subjects. The scores are as follows:

<u>Subject</u>	<u>Mean Score</u>
Military Planning Process	9.2
Logistics	8.6
Communications Planning	7.8
Intelligence Planning	7.4

The Military Planning Process was by far considered to be the most important subject in this study area, and received 114 10 point ratings. The ratings for Logistics were grouped towards the higher end of the rating scale, with 48 10 point marks and 54 9 point marks. The marks for both Communications and Intelligence Planning were more closely grouped in the 6, 7 and 8 point blocks.

Comments received on the questionnaires indicated that the ability to go through the planning process was one of the most important things a middle grade Naval Officer should learn. There were some remarks which indicated that Intelligence and Communications Planning (unless the Communications Planning was oriented toward command and control) were not really good subjects for the curriculum of the school.

Analysis of Independent Studies. The relative importance of these four independent studies revealed that the respondents felt that the Planning Exercises were the most important, followed by the individually prepared Staff Study. Public

Affairs and Counterinsurgency trailed significantly in the importance ratings in this area. The mean scores for these four subjects are as follows:

<u>Subject</u>	<u>Mean Score</u>
Planning Exercises	9.3
Staff Study	8.7
Public Affairs	7.0
Counterinsurgency	6.8

This relatively strong feeling for the importance of the Planning Exercises and the Staff Study is seconded by general comments made to the effect of the need to strengthen the middle grade Naval Officer's ability to research, write, and present orally material in support of assignments given him by his superior.

Analysis of the Evaluation of the Major Areas of Study.

The results of the survey show that the most important major area of study to be Naval Operational Planning - Naval Warfare. Two major areas of study and two of the independent studies followed in relative importance, while the two remaining independent studies were sharply classed as less important. The mean scores for these subjects are as follows:

<u>Area of Study</u>	<u>Mean Scores</u>
Naval Operational Planning-Naval Warfare	9.2
Naval Operational Planning-Military Planning	8.7
Fundamentals of Strategy	8.4
Planning Exercises	8.2
Staff Study	7.7
Counterinsurgency	6.0
Public Affairs	5.9

It thus appears from the survey that the familiarity and knowledge of the various warfare systems and the Threat are considered to be the most important subjects to be taught the student of the Naval Command and Staff School. Grouped together and closely behind this area of study are the planning aspects of Naval Operational Planning and the Planning Exercises, followed by the more general subjects which comprise the Fundamentals of Strategy Study. This group of areas of study was closely followed by the Staff Study, with Counterinsurgency and Public Affairs trailing relatively far behind in order of importance. It is noted here that there was a small discrepancy in the relative ranking of Counterinsurgency and Public Affairs, for in the ranking of the independent studies their ranking was reversed. Based on the way this question and the previous question were structured, the relative ranking of these subjects should not have changed.

An analysis of the respondent's comments relative to Section I of the questionnaire indicates that some aspects of the overall course as a whole should be reviewed. However, those aspects are reviewed and discussed in the analysis of the general comments of the questionnaire.

D. QUESTIONNAIRE GENERAL COMMENTS ANALYSIS

This section of the report deals with the results of Section II of the questionnaire. General comments were solicited relative to the entire curriculum (Core, Cooperative, after-hours courses) as it now exists.

In addition to the Core Curriculum which has been presented in Section I of the questionnaire, the School of Naval Command and Staff conducts a Cooperative Curriculum program. The Cooperative Curriculum is an integral part of the Naval War College program and provides the means for developing individual excellence and adding a dimension of depth of understanding in, and contribution to a selected area of significant military, political, social or economic concern related directly to national security.

During the Fundamentals of Strategy Study, officers are engaged in the process of selecting, and being assigned to, a Cooperative Curriculum option. Each officer participates in one of three basic options.

These options are described below:

1. Naval War College Research Seminars. Officers who select this option participate in a winter seminar and a spring term elective. During the winter seminar, and under the guidance of the Faculty Research Advisor, each officer will prepare a thesis.

2. Group Research Projects. This program is for those officers who have completed a thesis or the requirements for a master's degree upon arrival at the Naval War College or who possess special skills or experience necessary to a particular study. Officers selected for this

option are assigned to small groups in order to study some of the many challenging problems facing the Navy today that demand creative, forward-looking intellectual effort. Their product is a group research project report.

3. University Cooperative Programs. This option permits the preparation of an individual research paper under the supervision of a professor at a civilian university associated with the Naval War College. Courses are available at the University of Rhode Island, George Washington University, or Brown University. This program also expands the opportunities available by providing participation in a degree producing program at the baccalaureate level, a degree producing program at the master level, and participation in graduate seminar courses.

As an adjunct to the Core and Cooperative Curricula, a variety of after-hours courses are offered to those officers who need or desire to improve their skills in effective communication and management. Enrollment is voluntary and consists of courses such as Principles of Effective Writing, Reading Improvement, Principles of Data Processing, Conversational Spanish and Conversational French.

The purpose of this section was to provide an opportunity for senior officers to comment on the entire Naval War College program, to amplify on remarks contained in other portions of the questionnaire, and to solicit any comment or discussion which the respondent considered to be relevant and significant with regards to service school education. Forty-seven percent (85 out of 181) of the questionnaires returned contained

such comments. The length of the comments varied from a single sentence to over two handwritten pages.

Due to the nonspecific nature of the question, it was considered that the application of a statistical technique to such a wide variety of comments would not be valid. However, there were several areas in which many of the respondents did comment upon and this analysis will consist of classifying these responses under appropriate headings and discussing the ideas presented. In addition, Section I of the questionnaire asked the respondents to enter suggested additions to the areas of study and rate them in the same manner as the listed courses of instruction. Here again, there was a wide variety of suggested additions and it was felt that the application of a statistical technique would not be valid in this case. However, the suggested additions closely paralleled the general comments and, in some cases, the same idea was expressed by the respondent in both sections (Section I, suggested additions, and Section II, general comments). Therefore, the suggested additions will be included in this analysis. From a quantifying standpoint, a thought or idea has been counted only one time

in those cases of a respondent expressing the same idea in both Section I and Section II of the questionnaire.

The general subject areas under which responses have been classified include the following:

1. Effective writing.
2. Effective speaking/briefings/presentations.
3. Joint Planning.
4. Systems Analysis/Resource Management.
5. Automatic Data Processing.
6. After-hours courses.
7. Cooperative Curriculum Program.
8. Stress fundamentals of warfare.
9. Graduates of the School of Naval Command and Staff superior.
10. Additional comments.
11. Naval Operational Planning - Naval Warfare.

Effective Writing. Twenty-two respondents commented upon this area. In addition, four respondents recommended effective writing (written expression) as an additional major area of study in the Core Curriculum (Section I, Part V of the questionnaire). All comments were most emphatic with regards to the inability of many naval officers to express themselves in writing. Typical was the comments of questionnaires number 126 and 291 which stated respectively:

"During my career in the Navy, and particularly the more senior phases, I have come to the conclusion that the most important generic weakness --shared by the vast majority of Naval Officers --in our professional development is the inability to write effectively. Of course, good professional

writing pre-supposes logical professional thinking. But we have many officers who develop logical professional ideas or concepts, yet are pathetically weak in their attempts to communicate these ideas by message, letter, or pamphlet.

Perhaps the USNA or University should have taught effective writing to the NWC student, long before, but in most cases the process failed, somewhere along the line.

I can think of no more important mission that the NWC could accomplish than to achieve substantial improvement in the ability of all its graduates to communicate professional ideas and concepts in written English."

"I have found the greatest shortcoming in staff officers is the ability to express themselves in writing--whether it be philosophy, fact, or a personal letter. Many otherwise bright young officers are limited in that they are unable to articulate their thoughts in any sort of communication, from messages to recommendations for awards. This puts an enormous burden on the Commander, acting as editor and rewrite man."

Effective Speaking. Sixteen respondents commented upon the poor level of ability of naval officers to express themselves orally whether it be an impromptu expression of ideas or prepared briefings and presentations. Six respondents recommended this subject as a major area of study in the Core Curriculum (Section I, Part V of the questionnaire). Two of these recommended specifically the techniques of briefing and presentation. This point of view is illustrated by questionnaire number 115, which stated:

"In my 11th year of joint duty at senior levels (Capt. and up), I observe most emphatically a generally poor level of ability to write or speak well, among officers of all the Services. But of all the Services, the Navy is by a wide margin the worst in these respects. . . .

I think rather strong, possibly slightly radical measures are in order to force your students to acquire a better capability at self-expression. . . ."

Joint Planning. Eleven respondents indicated that naval officers do not fare well in the joint planning arena, especially in comparison with their Army and Air Force contemporaries. Six respondents recommended Joint and/or Combined Planning as an addition to the curriculum. All six indicated that it should be a course of instruction in Naval Operational Planning - Military Planning (Section I, Part III of the questionnaire). The Joint Planning idea was expressed by questionnaires number 121 and 150 which stated respectively:

"Naval planning can no longer be done on a single-service basis, in many respects. The planners for strike, inshore and amphib warfare, for example, must have some knowledge of other service requirements, particularly Marine Corps.

Increasingly, naval officers must be aware of DOD place in the overall Defense picture. It is no longer sufficient to know the naval service; our best officers and proponents will be those who can shine in Joint groups, and who can work

within the framework of DOD participation which increasingly affects lower levels of service action. Therefore, all parts of the curriculum must be examined, to inject this value into whatever topic may be undertaken."

"With respect to the various planning studies, I believe more emphasis (than is apparent in the description given) should be placed on joint planning such as is done by officers of the Joint Staff, OSD and OpNav who deal with JCS papers and across-the-board defense matters. Even though it is the Naval War College, most officers of middle and upper grades are spending more and more of their time working on joint matters (and protecting Navy interests) together with Army and Air Force officers who are usually much better prepared and experienced in these fields."

A similar idea was expressed by questionnaire number 197:

"It has been my experience that naval officers are not the equal of officers of the Army and Air Force in general knowledge, writing, and ability to do staff study type work. The ball game is not being played in the Navy park. In order to compete effectively for \$ and support, our officers must be trained to play the game with the pros in the joint/combined/OSD arenas."

It would appear to the study group that the curriculum is not extremely deficient in this area and, of course, it cannot be determined if the comments are based on exposure to any or many School of Naval Command and Staff graduates. In any event, the main thread of the comments tend to focus on the OSD arena which appears to be a valid response in relation to the curriculum.

Systems Analysis and Resource Management. The general comments of ten respondents did not in all cases clearly differentiate between these two subjects, rather, the comments were directed at competing with the "whiz kids," DOD management systems and the like. Typical expressions of this viewpoint were questionnaires number 169 and 247 which stated respectively:

"I do not take serious issue with the curriculum. I think for the most part it will indeed cause students to be on good terms with what they should know.

But we must be sure that our War Colleges are not sabbatical refugees from the real world. That world is one in which Parkinson's Law and Murphy's Law must be understood. It is one in which the best-executed staff study in existence is worthless--or worse, deceiving--because its premises were carefully rigged.

Much has been written, and with real justifications about the fact the military planners and programmers can't hack it when face-to-face with the whiz kids. This needs rectification and the middle grade naval officer is the place to start."

"With the emphasis on Resource Management - the Planning, Programming and Budget System as utilized not only at the CNO level but all levels, it would seem that more attention to management and planning in the course rather than higher level courses such as strategy would make the middle grade officer more useful after completing the course."

Five respondents recommended Systems Analysis as a course of instruction to be added to the curriculum. Four recommended it as a course of instruction in the Fundamentals of Strategy Study (Section I, Part I of the questionnaire) and one recommended it as a major area of study in the Core Curriculum (Section I, Part V of the questionnaire).

The comments and recommendations of these fifteen respondents seem to indicate that the exposure of the Naval Command and Staff students to this area of study in Military Management is insufficient to meet the needs of the middle grade officer.

Automatic Data Processing. Five respondents thought more emphasis should be placed on Automatic Data Processing in the curriculum. Questionnaire number 103 expressed this thought very pointedly:

". . . The second area which appears to need more emphasis is ADP. At an ever-increasing rate, planning in both the Service and Joint systems is requiring the use of ADP techniques. The planner today must have a knowledge of certain systems used in connection with JSCP and contingency planning. The breadth and scope of detailed information required at the Washington level dictates this need. The after-hours course in Principles of Data Processing does not appear to adequately meet the requirement. This deficiency was specifically observed by members of the CINCPAC Staff who visited the War College in 1968."

Three respondents recommended ADP/EDP management techniques as an additional major area of study in the Core Curriculum (Section I, Part V of the questionnaire).

After-Hours Courses. Twelve respondents commented upon this aspect of the curriculum and their remarks were categorized as; (1) favoring, (2) favoring with qualifications and, (3) do not favor. Indicative of a response favoring after-hours courses was questionnaire number 237 which stated:

"While the curriculum has changed appreciable since I attended the Naval War College I believe the basic principles are generally the same.

I heartily subscribe to the program of after-hours courses which are outlined above. These (except for the foreign languages) are basic to almost any assignment in the Navy and are a necessity for effective performance. . . ."

Eight of the respondents favored after-hours courses.

The one qualified comment favoring after-hours courses alluded to the fact that such courses should be supplemental to the Core Curriculum. This response could be classified as favoring since the after-hours courses are in fact supplemental to the Core Curriculum.

Three respondents did not favor after-hours courses because they felt that they would detract from and interfere

with the Core Curriculum. One of these three respondents also indicated that effective writing should be an additional major area of study in the Core Curriculum. This seems to say that he does not particularly disfavor after-hours courses but feels that more emphasis should be placed on certain aspects of the after-hours courses.

Cooperative Curriculum Program. In expressing their views on the Cooperative Curriculum Program, the respondents' comments were concentrated and confined specifically to the University Cooperative Program although one respondent did refer to the Group Research Projects. This comment will appear later in a quote from questionnaire number 325.

A total of sixteen respondents commented upon the University Cooperative Program and their remarks were categorized as; (1) favoring, (2) favoring with qualification and, (3) disfavoring. Typical of a response favoring the University Cooperative Program was questionnaire 237 which stated:

"The University Cooperative programs are excellent and afford the Naval officer an opportunity to progress up the academic ladder as well as to improve his effectiveness. These are of great value and the expansion of the program is recommended."

Four respondents favored the University Cooperative Program.

Six respondents tendered a qualified favoring of the program and this point of view is illustrated by questionnaire number 204 which stated:

"I also feel that the opportunity for a student to complete his requirements for a baccalaureate level or master's level degree should be encouraged but monitored very closely to avoid encroaching on time that must be devoted to the professional education which is the reason for being at Newport."

Six respondents emphatically did not favor the University Cooperative Program. Three comments have been selected as representative samples of this viewpoint. The selection of three comments is not intended to place greater emphasis or weight on disfavoring the program by the Study Group. Rather, they were selected because they are more than mere blunt statements of not favoring the program. They offer reasoned opinions for disfavoring the program and two of the comments represent opinions of former service college students and service college staff members (NWC Naval Warfare student, NC&S student, NWC faculty, AFSC faculty and ICAF student). The questionnaires selected for comments in this area were numbers 301, 302, and 325 which stated respectively:

". . . In this connection (i.e., distribution of War College course time), I have severe doubts about the wisdom of encouraging or even permitting War College students to work toward a Master's Degree through the University Cooperative Program while actively enrolled in the NWC course. I suspect this program: a) distracts students from the NWC curriculum and limits their depth therein; b) is of more potential value and attractiveness to students planning to leave the Navy than to those fully committed to staying with the service as long as possible. In any case, I believe the Master's program should be permitted only to those NWC students of exceptional calibre who can easily carry the load."

"After discussing for years the pros and cons of the University Cooperative Programs, I have concluded that I would prefer to see such programs not conducted by service colleges. Except for the very few, there cannot help but be a conflict - and the non-exam service curriculum is the one that suffers. I believe the unique nature of naval warfare dictates that it can only be done properly at a Navy educational institution. Further, it should not be given short shrift. By contrast, the civilian sponsored degree all too often services the status symbol, brownie point requirement rather than the substantive educational requirement which will do the career officer some good in his chosen field. Moreover, it can be done at most any civilian university of stature. (Whether it would be done in this manner or not is recognized as problematical.) My feeling is based on one C&S student year, 2 NWC staff years, one ICAF student year and many hours of bull session."

"I am a graduate of the senior (Naval Warfare) course at the Naval War College and have been on the faculty of the Armed Forces Staff College. During my tenure at the Naval War College I did not participate in the Group Research Project

nor in the University Cooperative Program. However, I did pursue the graduate (Master's Degree) level program offered by George Washington University after completion of the Naval War College curriculum.

As a result of my experiences delineated above, I must say:

a. That I disagree with the concept of the University Cooperative Program. I do not believe a student can devote adequate time to the naval warfare curriculum and the cooperative program simultaneously.

b. From my limited point of view, the Group Research Program appears to offer several advantages (if carefully controlled), viz., it stimulates original thinking; it provides thorough, broad background in the selected subject area; it provides necessary information on the preparation of reports. Staff Studies; it adds to the bank of data which is so vital to the avid researcher and a viable research paper.

c. I heartily concur in the continuation of the elective program in effective communications and management."

Thus, it can be seen that a majority of the respondents (12 out of 16) are indicating, as a minimum requirement, a continuing review of the University Cooperative Program in relation to the Core Curriculum. Six of these sixteen clearly disfavor the University Cooperative Program in any form.

Questionnaire number 325 contained the one comment concerning Group Research Projects which was referred to at

the beginning of the discussion of the Cooperative Curriculum Program.

Stress Fundamentals of Warfare. Four respondents expressed the idea of stressing fundamentals of warfare (tactics, weapons and employment). Questionnaire number 224 stated the thought very well:

"My view for a long time has been that the War College moved too strongly in the direction of politico-military affairs at the expense of teaching naval warfare. Part II (NOP - Naval Warfare) of this curriculum should get the strongest emphasis by far--graduates should feel that they understand the essentials of each form of naval warfare--not just the planning elements, but the operational restraints, hardware limitations, interactions with other forms of naval warfare, and what can and can't be done today."

The same idea with emphasis on use of weapons and weapons systems came from questionnaire number 157:

"Stress must be placed on how we use the weapons and weapons systems of the Fleet. Insufficient detail is often given, of late, to the professional attributes of naval warfare. Such tactical considerations as how to develop screens against submarine or aircraft attacks; the escort of convoys; amphibious planning and actual operations; the control and tactical command of task forces at sea, and their logistic support, etc."

A strictly pointedly and blunt fundamentalist approach was expressed by questionnaire number 251:

". . . What I do feel strongly about is the following:

a) The need to impress our officers that their profession is 'arms' - the use of same. They must know 'what they are', 'how to use them' - and 'when to use them.' They must be made to realize that the profession of arms is a necessary profession--that someone has to be in it - at least until the world is in complete utopian order. This means be cold - and perhaps in reprehensible terms--that we must be prepared to be professional 'killers'--'destroyers'--who can do the job when called upon in the most efficient and effective manner. Understanding the fine balance between the role of the 'killer' and that of the 'protector' is essential.

b) The need for our officers to know at least, the English language. Simple courses in English grammar and composition. The simple construction of a memorandum seems to be a lost art.

c) The need to understand the response "I don't know, Sir, but I'll find out."

I assure you, I am referring to courses for middle grade (and higher) officers--not midshipmen.

Let us master the fundamentals of our profession. Then maybe we won't have to spend so much time on sophisticated social philosophies that serve as alibis for our mistakes."

Graduates of the School of Naval Command and Staff
superior in performance. Five respondents indicated that graduates of the School of Naval Command and Staff perform in a superior manner to that of nongraduate contemporaries.

A representative sample of this thought was questionnaire number 184:

"My own experience indicates that graduates of the Naval Command and Staff course perform staff duties of all types, both afloat and ashore, in a manner much superior to that of their un-schooled contemporaries. The school taught discipline of logical thinking and thoroughness in a Naval context is very apparent in the school's graduates."

Additional Comments. There were additional comments from the respondents which were clearly not majority opinions and, in fact, were mostly single expressions of ideas. Some of these comments have been selected for inclusion here in the study because they are extremely well stated, representative of deliberate thought, and impinge upon areas which the group feels are of importance and interest to the Naval War College staff and faculty. These comments concentrated on five areas of observation:

1. Provide time to read.
2. Personnel Management.
3. Command Preparation.
4. Who should be graduates of NC&S?
5. When should naval officers attend NC&S?

Provide Time to Read. Questionnaires number 106 and 177 expressed this idea clearly. They stated respectively:

"I hope there is time provided for students to read, rather than to emphasize providing a fully scheduled day, every day. It may be necessary to take steps to make students read, but it should be encouraged. I am thinking of reading 'good' books--background for our profession, etc."

"The Naval War College should offer certain attractions to prospective student. It can be regarded as a sabbatical year in which an officer is relieved of the pressures of his normal duties and is free to pursue various fields of interest. In the academic aspect, he should have the opportunity for extensive reading and informal discussions on subjects that intrigue him. . . ."

Personnel Management. Questionnaire number 165 stated the view that planning should include personnel as well as hardware:

"I believe that Personnel Management should be included in the curricula. We all agree that the retention of officers and enlisted personnel is one of the big problems that has been facing us for many years--but we either don't, or are unable, to do anything about it. And no matter how good our ships, planes and weapon systems might be--they are useless without qualified men to man them.

And in our planning, we must never forget that personnel, as well as hardware, must be included in the plans. I have noted that most of our officers have little knowledge of our personnel planning, and our Naval Reserve Program. As part of their education, a short course in this subject should be included."

Command Preparation. One expression of this idea with emphasis on the "need to know the condition of the ships" was questionnaire number 195 which stated?

"During the course of conducting material inspections, I am constantly struck by the lack of awareness of Commanding Officers and their operational commanders of the condition of their ships particularly as it pertains to mission degrading capabilities. In my opinion, courses designed to prepare officers for higher operational command should be geared to include development of an awareness of the need to know the condition of the ships that will be called on to carry out the will of the commander, also an awareness of the requirements to maintain them in such condition that they are ready to do so."

Questionnaire number 236 was more specific with regard to command preparation by suggesting course of study for this area:

"According to C&S graduates on my staff, the staff and its operational support to higher command is well covered in the C&S curriculum; however, the command portion of the curriculum appears to be lacking. This absence of command emphasis dilutes the true value of the course. By command I confine myself to the fundamental basics of our profession--ships, shiphandling and men against sea. Based on this and the increasing trend of disasters, collisions, and groundings, I wonder if we are taking full advantage of the time an officer spends in advanced schools. Perhaps the C&S curriculum should incorporate some PCO/PXO training which involves shiphandling, seamanship, damage control and other line subjects. I believe that adequate time for these subjects can be found by tightening up some generally nice-to-know areas in the core curriculum such as international law, counterinsurgency (which appears to have lost some acuteness

with the passing of President Kennedy), and public affairs. It also appears that coordination could be effected with the Naval Destroyer School in order to provide a high level review of naval administrative, material, and shiphandling knowledge as an addition to C&S curriculum. I suggest that a minimum review of command essentials could be offered to the C&S student by including the following study area:

COMMAND PREPARATION

- a. Shiphandling and Navigation
- b. Military Justice
- c. Navy Material Maintenance
- d. Damage Control and Safety

If it is not feasible to include the proposed command preparation study in the C&S course, I suggest that it be considered as an addition to the NWC after-hours courses.

If I sound parochial it is intended; for the Naval War College is our Navy's parish. My remarks concern Naval officers and are not entirely applicable to the officers from other services attending the Naval War College."

Who should be graduates of NC&S? Questionnaire number

112 was succinct in his opinion:

"I believe the U.S. Navy must come to the Army system whereby all unrestricted line officers being promoted to Commander must have completed a Command and Staff Course by one of the services or the AFSC. Only the most unusual circumstances should get a waiver."

When should Naval officers attend NC&S? Questionnaire

number 138 expresses an opinion which is validated in part

by this study's input profile analysis. That is, many officers have held staff and Washington billets prior to attending NC&S. The questionnaire proceeds to recommend a solution to this problem:

"A majority of officers are detailed to staffs or to command without benefit of the important studies offered by the Command and Staff School. Admitting a large number of junior officers to the School of Naval Command and Staff would yield significant long-term benefits. Formal instruction in international relations, naval operational planning and fundamentals of strategy would most favorably augment the relatively narrow experience-level of an officer who has just completed his initial sea tour. This early broadening of an officer's perspective should considerably heighten his career motivation, and upon completion of the course he would be infinitely more qualified for future assignments to staff and command billets. Problems of personnel detailing might be resolved by shortening the duration of the course. At any rate, such problems are far outweighed by the substantial increase of school graduates available to the Navy.

Recommendations:

- a. That the length of time required to complete the Command and Staff School curriculum be reduced to five months.
- b. That the curriculum be offered twice per year.
- c. That requirements for eligibility be altered to permit junior officers to attend early in their careers. . . ."

Before concluding this portion of the discussion, one other area deserves special mention. There were four courses

of instruction recommended by the respondents as additions to the NOP - Naval Warfare Part. These courses of instruction, which have not been mentioned thus far were:

1. Electronic Warfare.
2. Submarine Warfare.
3. Surface Warfare.
4. Command and Control.

Electronic Warfare. Fifteen respondents were very specific in recommending that Electronic Warfare be a separate course of study in NOP - Naval Warfare. Six respondents rated the additional course of instruction 10; eight rated it 9; and one rated it 7.

Submarine Warfare. Six respondents recommended Submarine Warfare as a separate course of instruction. Two rated it 10; two rated it 9; one rated it 7; and one rated it 5.

Surface Warfare. Four respondents recommended Surface Warfare as a separate course of instruction. Two rated it 10; and two rated it 7.

Command and Control. Four respondents recommended Command and Control as a separate course of instruction. Two rated it 10; one rated it 9; and one rated it 8.

The study group feels that NOP - Naval Warfare provides sufficient exposure to Surface Warfare and Command and Control throughout the part. On the other hand, it is apparent that

Electronic Warfare does not receive sufficient attention by the nature of its being a section of Communications Planning in NOP - Military Planning, and Submarine Warfare receives no attention in the curriculum.

E. CONCLUSIONS

The basic purpose of this study was to determine what a graduate of the School of Naval Command and Staff should be, or, rather what skills and knowledge should he possess upon graduation from the school. This question, as presented in the introduction, formed the basis for the input profile analysis and the survey questionnaire. Chapter I provided an analysis of the input profile and the survey questionnaire responses, and it is from this analysis that the conclusions are drawn.

These conclusions are presented in three separate categories; the first consists of conclusions drawn from the input profile analysis, the second consists of conclusions based on Section I of the questionnaire (rating of courses of instruction and major areas of study), and the third consists of conclusions or observations which are drawn from Section II of the questionnaire (solicitation of comments with regards to the entire curriculum).

Conclusions Related to the Input Profile Analysis. The study group arrived at the following conclusions from the analysis of the input profile:

1. The educational level of the incoming students is increasing and has reached a point where during the past two class years over 90% of the students have had a Baccalaureate degree. During the past three class years at least 20% of the students have had a graduate degree.

2. The number of years of service for non-navy students has steadily decreased during the five year period from 12.8 in 1964-1965 to 11.1 in 1968-1969. On the other hand, the number of years of service for Navy students has been irregular during the same period, and during the last three years has increased from 11.0 in 1966-1967 to 12.0 in 1968-1969.

3. The number of surface line officers (1100) entering the School of Naval Command and Staff is steadily decreasing. In the 1964-1965 class there were 61 surface line officers (33% of the total student body); the 1968-1969 class had only 24 surface line officers (15.8% of the total student body).

4. Command and executive officer experience among 1100 officers is decreasing. Command experience has dropped from a high of 58% in the 1965-1966 class to a low of 25% in the 1968-1969 class. For the same period Executive Officer experience has dropped from 78% to 50%.

5. Over the five year period there is a notable decrease in experience among the 1100 officers in service aboard the following ship categories:

Cruiser	- from a high of 24.6% to a low of 8.3%
Carrier	- from a high of 20% to a low of 0%
Amphibious	- from a high of 47.5% to a low of 21.4%
Mine	- from a high of 31.4% to a low of 12.5%

6. The diversity of experience among both 1100 and 1300 officers is sharply decreasing. In the 1964-1965 class 3.3%

of the surface officers had served aboard only one type of squadron. In the 1968-1969 class 33.4% of the surface officers had served aboard only one type of ship, and 43.3% of the aviators had been in only one type of aircraft squadron.

7. An unusually large number of students entering the School of Naval Command and Staff have held staff and Washington duty billets. During the five year period 53% of the 1100 officers had staff experience, 33% of the 1100 officers had Washington duty experience, 35% of the 1300 officers had staff experience and, 11% had Washington duty experience. The Study Group concludes that too many officers are receiving a professional education preparing them for staff duty too late in their careers. There is a close correlation between this conclusion and number 2 which indicates years of service for Navy students has increased during the last three years.

Conclusions Based on Section I of the Questionnaire.

The Study Group arrived at the following conclusions based on the rating of courses of instruction and major areas of study by the respondents in Section I of the questionnaire. Because of the structure of Section I of the questionnaire, few basic conclusions can be drawn from it. An overall review of the results of the questionnaire does show, however, that the course of instruction, as set forth in the basic questionnaire, does fulfill the need as it is seen by the respondents. While certain subjects and areas received relatively low marks

when compared to others, the physical structuring of the courses themselves generally reveals that less time is spent on those courses. Since the basic questionnaire did not take into account the percentage of time spent on the subjects, little could be taken from the results other than the relative rankings.

Certain remarks did indicate that some aspects of the course as a whole should be reviewed, however, conclusions relative to these comments will be presented in the conclusions based on Section II of the questionnaire.

Conclusions Based on Section II of the Questionnaire.

Section II of the questionnaire solicited comment and/or discussion from the respondents with regards to the entire NC&S curriculum (core, cooperative, after-hours courses) as it now exists. As stated earlier, this section did not lend itself to a statistical analysis but the study group did feel that some comments and observations were expressed by a sufficient number of respondents to warrant classification as conclusions. Additionally, the study group felt that some of the random comments warrant inclusion as observations in this chapter since they represent deliberate thought and may be worthy of further study. The study group also did not feel that a conclusion should necessarily be supported by a majority of the respondents replying to the questionnaire or a majority of those who offered comment or discussion in Section II of the questionnaire.

Since the comments represent the considered judgments and reasoned opinions of experienced senior naval officers, the study group reasoned that the same opinion expressed by several senior naval officers must receive considerable weight in such a study which requested volunteer comments and/or discussion. In any event, each conclusion and observation will indicate the percentage of respondents expressing the same opinion. The first percentage listed will represent the same opinion expressed with regards to the total return of questionnaires (181) and the second percentage listed is applicable to those respondents who offered comment and/or discussion (85). It must also be noted that some conclusions are further supported by the study group itself based on their exposure to the content and structuring of the curriculum.

Conclusions Related to General Comments.

1. There is insufficient emphasis in the curriculum on the following subjects:

- a. Effective Writing. (14%) (30%).
- b. Effective Speaking. (12%) (26%).
- c. Joint/Combined Planning, in particular the OSD arena. (9%) (20%).
- d. Systems Analysis/Resource Management. (8%) (17½%).
- e. Automatic Data Processing. (4½%) (9%).
- f. Electronic Warfare. (8%) (17½%).
- g. Submarine Warfare. (3½%) (7%).

Observations Related to General Comments.

1. The after-hours courses are a favorable adjunct to the Core Curriculum. Favor (5%) (10½%). Disfavor (1%) (2½%).
2. That the University Cooperative Program is generally disfavored or favored with qualifications. Favor (2%) (4½%). Favor with qualifications (3½%) (7%). Disfavor (3½%) (7%).
3. The fundamentals of Naval Warfare (tactics, weapons and their employment) should be stressed at all costs. (2%) (4%).
4. Graduates of the School of Naval Command and Staff perform in a superior manner to that of their non-graduate contemporaries. (3%) (6%).
5. Provide time in the curriculum for extensive professional reading. (1%) (2%).
6. Include a course in Personnel Management in the curriculum. (One respondent).
7. Include courses for command preparation in the curriculum (1%) (2%).
8. Require all unrestricted line officers being promoted to Commander to be graduates of a service college. (One respondent).
9. That the length of the School of Naval Command and Staff should be offered twice each year, and that requirements for eligibility should be altered to permit junior officers to attend early in their careers. (One respondent).

General Conclusions. The results of this Study Group's research indicate that the product of the School of Naval Command and Staff should have the following traits, characteristics, skills and abilities:

The graduate should be a relatively junior middle grade officer, with between 8 and 11 years commissioned service when he begins the course. This will allow him to have a longer, more productive use of the knowledge acquired from attendance at the school. Because an officer in the Naval service is pushed into a specialty during his first years in the Navy (e.g., Destroyers, VP land-based ASW, VS carrier based ASW, VA, VF, etc.) he tends to become, by necessity, less of a generalist and more parochial towards his own speciality. Paradoxically, when he leaves this school he begins to fill duty assignments which call for a more general, broader-based field of knowledge. The school should, therefore, continue to emphasize "The Threat," and insure that the student receives indoctrination and introduction to all phases of Naval Warfare. Being familiar (but not necessarily expert) in all phases of Naval Operations will allow the officer a flexibility and objectivity to explore all particular aspects of a given assignment thoroughly, being aware that a great many facets exist to be explored prior to submitting his list of alternative suggestions to his superior.

The graduate should be well prepared and familiar with the Naval and Joint Planning function. He should know where

to look for information, how to get it, how to examine it to discover if and how it affects his area of study, and then he must be able to properly present his findings. This presentation may be oral, in private discussion, or it may be oral, at a briefing, or it may be by written report. The graduate must be adequately prepared to follow any or all of these techniques of communication, and to "sell" his product (the results of his research) properly. The greatest, most valuable, detailed and important research is a waste of time if it is not used--and often it will not be used unless it has been prepared and presented in the proper manner. To prepare the graduate in this particular area of expertise, the Command and Staff School will have to review and probably change its basic curricula to include courses which will allow the student to develop these techniques.

Finally, the graduate of the Naval Command and Staff School should be aware of, if not technically qualified in, those procedures and techniques utilized by the Department of Defense, and by successful business firms in general, in the management of large organizations today. These procedures include, but are not limited to, Systems Analysis, ADP/EDP, Resources Management, etc. And to round out the graduate he should know a good deal about human behavior. Here again the School will have to review the curricula and revise and add courses where these skills and techniques can be learned.

In summary, the graduate of the Naval Command and Staff School should be one who is familiar with "The Navy" in general; who understands the problems and potentialities of all phases of Naval Warfare, and how they can contribute to the security of the country; who can properly research, prepare, and present solutions to problems in an effective manner; and who can take the best of the method of management which emphasizes quantification, and the best of the method of management which emphasizes people, and combine them by extracting the best of both systems to produce the most meaningful results.

CHAPTER II

IDENTIFICATION OF COMMAND AND STAFF PRODUCT REQUIREMENTS

A. GENERAL

In studying the question of numerical requirements for command and staff graduates, the Morris Board Study of July 1966 conducted by the Department of Defense to study officer education was analyzed to determine the thoughts of those "high-level offices in the Secretariat of . . . OSD." (24:1)

Among the conclusions of that study were the following:

(a) The Services do not, as yet, identify requirements for graduates of these colleges as they do for officers with advanced degrees.

(b) The number of officers ordered to each service college appears to be a compromise among several factors--size of the school and number of classrooms, the availability of funds, the number of officers in the relevant grades who can be released for this schooling, the curriculum material and the length of the school.

(c) Schools should be identified as schools to train and educate selected officers for higher command and staff duties.

(d) Neither the Services nor other DOD components have thoroughly analyzed the requirements for Senior Service and command and staff graduates. Information available strongly indicates present inputs are inadequate. This view is shared by many senior officers. (5:vp)

The Morris Board recommended that the services establish procedures to identify, determine and review requirements for graduates of senior service and command and staff colleges to insure that:

1. An adequate number of officers is educated at each level to meet future requirements.

2. Requirements for graduates at both levels are reexamined periodically and that consideration is given to the possibility of identifying on appropriate manning documents positions requiring such graduates. (underlining added) (5:98V1)

As early as 1960 a system to identify and maintain necessary and accurate accounting of billets requiring postgraduate education was promulgated by BUPERS Instruction 1211.3. The Combs Board of December 1964 studied the problem of sub-specialization and specialization of naval officers and recommended specific billets be identified as P-coded, requiring postgraduate education and S-coded, requiring specialization and recurring utilization of officers within their specialization. (6:vp) As a result, the Navy has had little difficulty in justifying requirements for quotas to civilian and in-house institutions leading to postgraduate degrees or specialized training.

A different approach has been taken as regards service schools. In the case of the Command and Staff course it is agreed that, "The course is aimed directly at the level of command and staff responsibilities the officer will face during the succeeding three or four tours." (23:III-3) It is also felt that the course will ". . . benefit the widest range of subsequent assignments and is not directed toward any restricted number of specific billets." (23:3) While these views are circa 1966, a review of information available after 1966 discloses that the Navy has not conducted a billet

analysis to tie the School of Command and Staff annual enrollment directly to defined needs of the service. A study conducted by the Naval War College in April 1966 did develop a requirement basically keyed to the annual Commander (05) input into command billets. The study recommended progressive increases in annual enrollment to a target of 500 to satisfy approximately 430 command billets. (23:vp) The study concluded that:

Assignment to staff duties, either operational or within the Navy Department, is an imminent prospect. In these command and staff assignments he (the C&S graduate) needs a broadened understanding of the whole Navy and how it operates together and in support of the overall military effort, how to make command decisions, and how to plan and do efficient staff work. Command and staff education is directed toward the preparation of officers for these important mid-career responsibilities. (23:III-3)

However, the report did not include staff billets in arriving at a recommended annual input--nor were the requirements of OSD and other agencies for command and staff graduates considered.

As the result of an Army board to study Army requirements for officer schools (Haines Board of February 1966), the Army conducted a position analysis of Colonel (06) positions to determine the annual requirements for enrollment of Army officers in the senior service schools. The report of this study, the Huckaby Report, published in October 1967 was used in this study to develop the methodology for the analysis of Commander (05) billets.

Once the rationale, criteria, methodology and individual billet listings were obtained, a billet by billet analysis was conducted to identify those Commander (05) billets that could best utilize the skills and knowledge acquired by a Command and Staff education.

B. BILLET ANALYSIS

Given the quality analysis and delineation of the skills and knowledge a command and staff graduate should possess as concluded in Chapter I, it follows that an analysis should be made to determine what billets could best utilize command and staff graduates.

Since the average graduate of the School of Naval Command and Staff is a Lieutenant Commander (04) with twelve years of commissioned service and currently will be promoted at approximately thirteen and a half years, he will primarily apply the knowledge gained from the command and staff education in Commander (05) billets. Hence, only Commander (05) billets were analyzed.

The analysis of billets was conducted using a listing of all naval officer billets furnished by the Bureau of Naval Personnel to the Study Group. Information on the listing used in the analysis included an Activity Management Code; an activity number translatable to activity, ship or squadron name; billet rank; billet sequence code; Naval Officer Billet Classification code; and officer allowance. A panel of officers screened each commander billet to judge whether the position, the Navy, and the activity commander could benefit by designating the billet as one which should be filled by a graduate of a command and staff school. The panel's determination for each billet was based on the conclusions of the

study regarding knowledge and skills which a command and staff school graduate should possess; on the panel members' professional knowledge and judgment as to the responsibilities and functions of the billet; on the assigned NOBC; and on the recommendations of flag officers responding to the questionnaire discussed in Chapter I.

In general, the types of line officer billets considered most susceptible were:

- a. Commanding Officers of ships and aircraft squadrons.
- b. Operations Officers of major combatants.
- c. Executive Officers of aircraft squadrons because this is a fleet-up billet.
- d. Operations, plans, logistics, and intelligence officers on staffs of the operating forces.
- e. Officers assigned to joint and combined staffs.
- f. Officers assigned to high level staffs in the Office of Secretary of Defense and to staffs of Department of Defense agencies independent of the military services.
- g. Officers assigned to policy, plans, operations and logistics billets at high levels in the Navy Department.

Restricted line and staff corps officer billets followed generally the same patterns as described above for unrestricted line.

A total of 3,295 (2,799 unrestricted line and 496 restricted line and staff) of the Navy's 7,614 Commander (05) billets was selected as having a high potential for utilizing

command and staff level education. (Figure II-1 depicts the breakdown of billets selected by designator versus total billets). Appendix C contains the complete selected list arranged by designator with a summary of sea, shore and over-sea shore billets.

Having determined the requirements for command and staff graduates through billet analysis, the next logical question that arises, is; what is the status of the current inventory and what is our present training load producing?

COMMAND AND STAFF		BILLET REQUIREMENTS VERSUS TOTAL COMMANDER BILLETS		
DESIGNATOR		TOTAL 05 BILLETS	TOTAL SELECTED	PERCENT OF TOTAL
1100			1258	
1120			277	
1300			1267	
TOTAL		5145	2799	54.4%
1400		242	48	
1510		212	33	
1530		38	9	
1610		82	2	
1630		61	37	
1650		28	21	
2100		388	8	
2200		264	2	
2300		196	10	
2500		79	24	
3100		602	236	
5100		277	67	
TOTAL		2469	496	20.2%

SOURCE: APPENDIX C AND NAVAL REGISTER JANUARY 1953

FIGURE II-1

C. ANALYSIS OF INPUT REQUIREMENTS
TO ATTAIN AND MAINTAIN REQUIRED INVENTORY

The billet analysis has produced a requirement for 2,799 unrestricted line (URL) and 496 restricted line and staff (RL & STF) command and staff school graduates. A gross inventory of graduates greater than the total 3,295 (2,799 URL plus 496 RL & STF) must be available because although those billets selected contain an approximately equal number of sea and shore billets (see Appendix C), there will always be a certain number of command and staff graduates who will be unavailable for assignment to a billet requiring command and staff education. These graduates include Lieutenant Commanders (04) who are not available for assignment by virtue of grade and Commanders (05) on TDY, hospitalized, or assigned to billets not requiring a command and staff education. The number of officers so assigned will fluctuate and cannot be precisely defined numerically. However, a factor of 25% was used by the Study Group to provide additional graduates above the 3,295 net requirement. Accordingly, a total of 3,500 (2,799 plus 701) unrestricted line, and 625 (496 plus 129) restricted line and staff was used as the Navy's gross inventory requirement. This factor should be refined as efforts are directed toward expanding the graduate inventory and as firm statistical data become available.

To develop the annual enrollment required to generate and sustain a gross inventory of 3,500 unrestricted line and 625 restricted line and staff, a relationship of input (enrollment at command and staff schools) versus losses (promotion to 06, nonselection for promotion, retirement, deaths, etc.) must be determined. For the purposes of this study nonselection was considered a loss to the inventory. Given an average commissioned service of twelve years at graduation, a graduate should be available until promotion, nonselection, or retirement--any of which normally occur at about the twentieth year of commissioned service. Hence, a graduating class can be assumed to be in the inventory for an average of about eight years.

The following table (Figure II-2) represents the relationship of input, loss and inventory of command and staff graduates for the period 1963-1969: (See Appendix D for additional data)

UNRESTRICTED LINERESTRICTED LINE AND STAFF

<u>FY</u>	<u>ENROLL- MENT</u>	<u>LOSS</u>	<u>INVENTORY</u>	<u>FY</u>	<u>ENROLL- MENT</u>	<u>LOSS</u>	<u>INVENTORY</u>
68	173	179	1290	68	39	37	158
67	214	193	1268	67	37	22	143
66	266	224	1226	66	37	32	138
65	257	223	1192	65	40	32	130
64	213	245	1224	64	37	43	136
63	194	189	1219	63	29	26	133
AVERAGE	212		1254	AVERAGE	35		145

SOURCE: BUPERS NMIS REPORT 5310-0369-0A-All 02-10-69

FIGURE II-2

The period fiscal 64-68 was used as representing a period over which an inventory was maintained at a fairly constant level. The average input and losses during this period were computed; then the mean of input versus losses was used as a theoretical annual enrollment that would exactly offset losses over a period of time and hence would maintain a constant inventory of graduates at the level of the average inventory. The fiscal 1969 figures were not used as representative of a period of sustained inventory since the FY 69 enrollment (222), coupled with a small loss (105), marked the beginning of an attempt to expand the inventory.

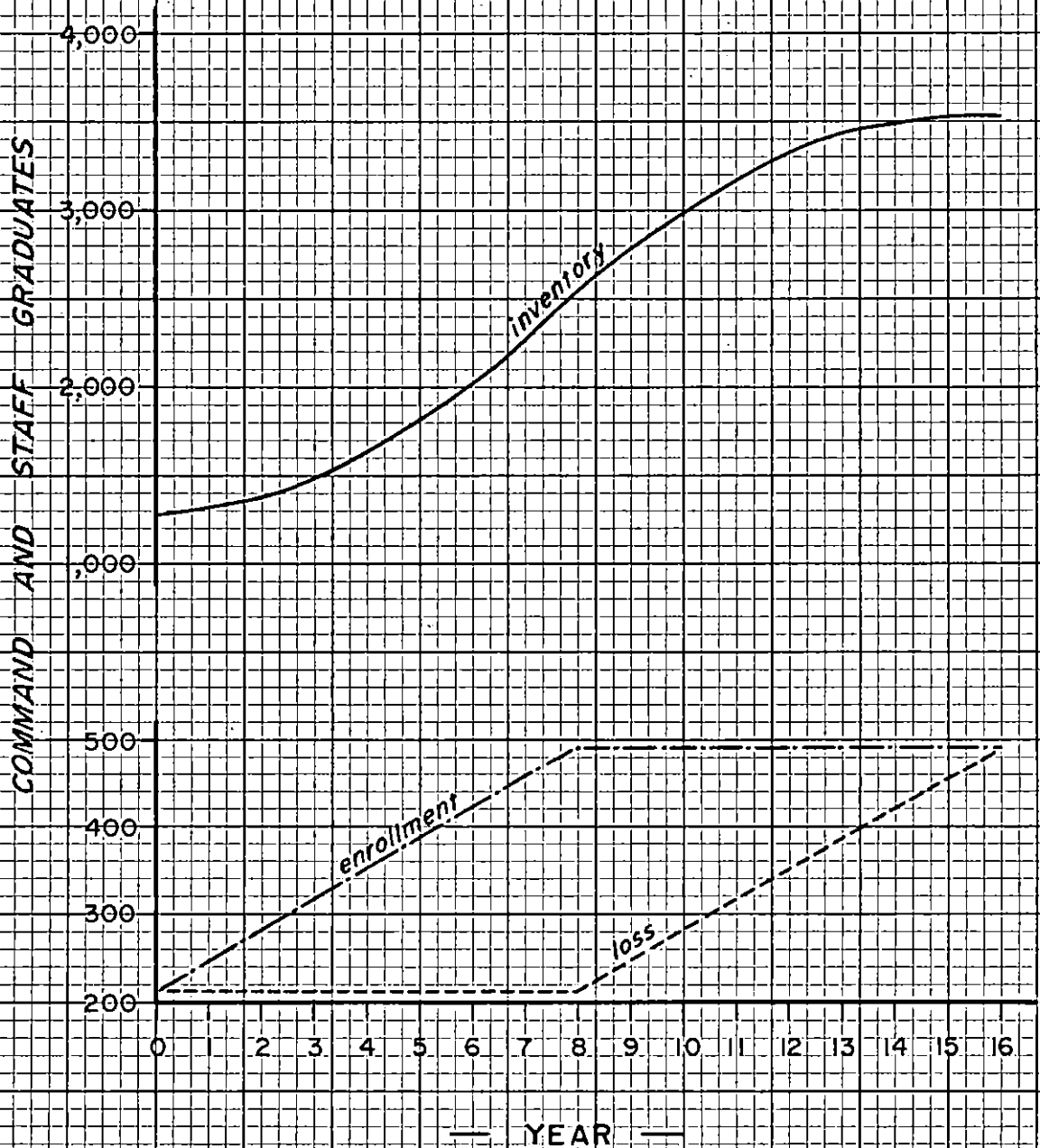
Given a sustaining input and losses for a fixed inventory, it is possible to develop a schedule of growth to arrive at a sustained inventory of 3,500 unrestricted line and 625 restricted line and staff--bearing in mind that a class will

be lost to the inventory eight years after its graduation. Figures II-3, II-4, II-5 depict a schedule of growth in which thirty-five (35) unrestricted line officers and eight (8) restricted line and staff officers were added to the previous years' enrollment each year for a period of eight years. Note that year one's graduating class equals year nine's losses and that sixteen years are required to reach a sustained inventory of 4,125 (3,500 URL and 625 RL & STF) with an ultimate annual enrollment of 591. This includes enrollment at all command and staff schools. The period of growth could be reduced to eight years by doubling the annual increase.

Having determined the aggregate enrollment it is possible to define the Naval War College's annual enrollment requirements in the School of Naval Command and Staff by subtracting the number of Naval officers who annually attend other command and staff schools, 147 from the total annual enrollment of 591. Therefore, if the attendance at other command and staff schools remains constant, 147, the Naval War College, School of Naval Command and Staff, after completion of the buildup, will be required to train 444 students (363 unrestricted line and 81 restricted line and staff) annually.

PROGRAM FOR PLANNED PROGRESSIVE BUTLED UP

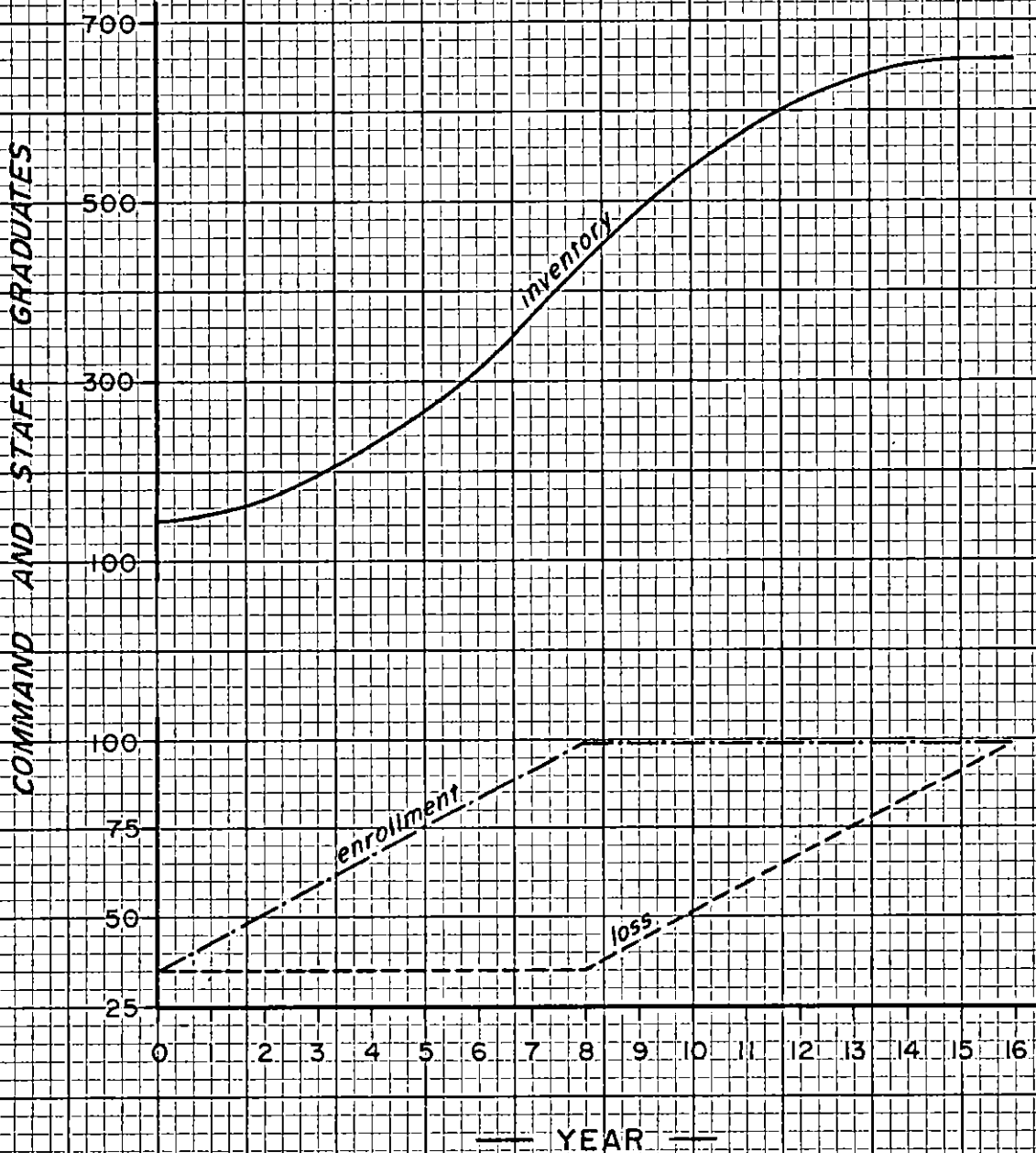
UNRESTRICTED LINE OFFICERS (URL)



KE 5 X 5 TO 1/2 INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

PROGRAM FOR PLANNED PROGRESSIVE BUILDUP

RESTRICTED LINE AND STAFF
OFFICERS (RL and S)



YR	UNRESTRICTED LINE			RESTRICTED LINE AND STAFF		
	INVENTORY	POSSESSORS	LOSS	UNEMPLOYED	EMPLOYED	UNEMPLOYED
0	2 1 2	2 1 2	3 5	3 5	1 4 5	2 4 7
1	2 4 7	2 2	3 5	3 5	1 8 3	2 1 9 0
2	2 6 2	2 2	3 5	3 5	1 6 9	2 2 3
3	3 1 7	2 2	3 5	3 5	1 3 3	3 1 5
4	3 5 2	2 2	3 5	3 5	2 2 5	4 1 9
5	3 8 7	2 1 2	3 5	3 5	2 6 5	4 6 2
6	4 2 2	2 2	3 5	3 5	3 1 3	5 0 5
7	4 3 7	2 2	3 5	3 5	3 0 3	5 4 8
8	4 9 2	2 1 2	3 5	3 5	4 3 3	5 9 1
9	4 9 2	2 4 7	3 5	3 5	4 8 9	5 9 1
10	4 9 2	2 8 2	3 5	3 5	5 3 7	5 9 1
11	4 9 2	3 1 7	3 5	3 5	5 1 7	5 9 1
12	4 9 2	3 9 2	3 5	3 5	6 0 9	5 9 1
13	4 9 2	3 8 7	3 5	3 5	6 3 3	5 9 1
14	4 9 2	4 2 2	3 5	3 5	6 4 9	5 9 1
15	4 9 2	4 3 7	3 5	3 5	6 5 7	5 9 1
16	4 9 2	4 9 2	3 5	3 5	6 8 7	5 9 1
17	4 9 2	4 9 2	3 5	3 5	6 9 9	5 9 1
18	4 9 2	4 9 2	3 5	3 5	6 9 9	5 9 1
19	4 9 2	4 9 2	3 5	3 5	6 9 9	5 9 1
20	4 9 2	4 9 2	3 5	3 5	6 9 9	5 9 1

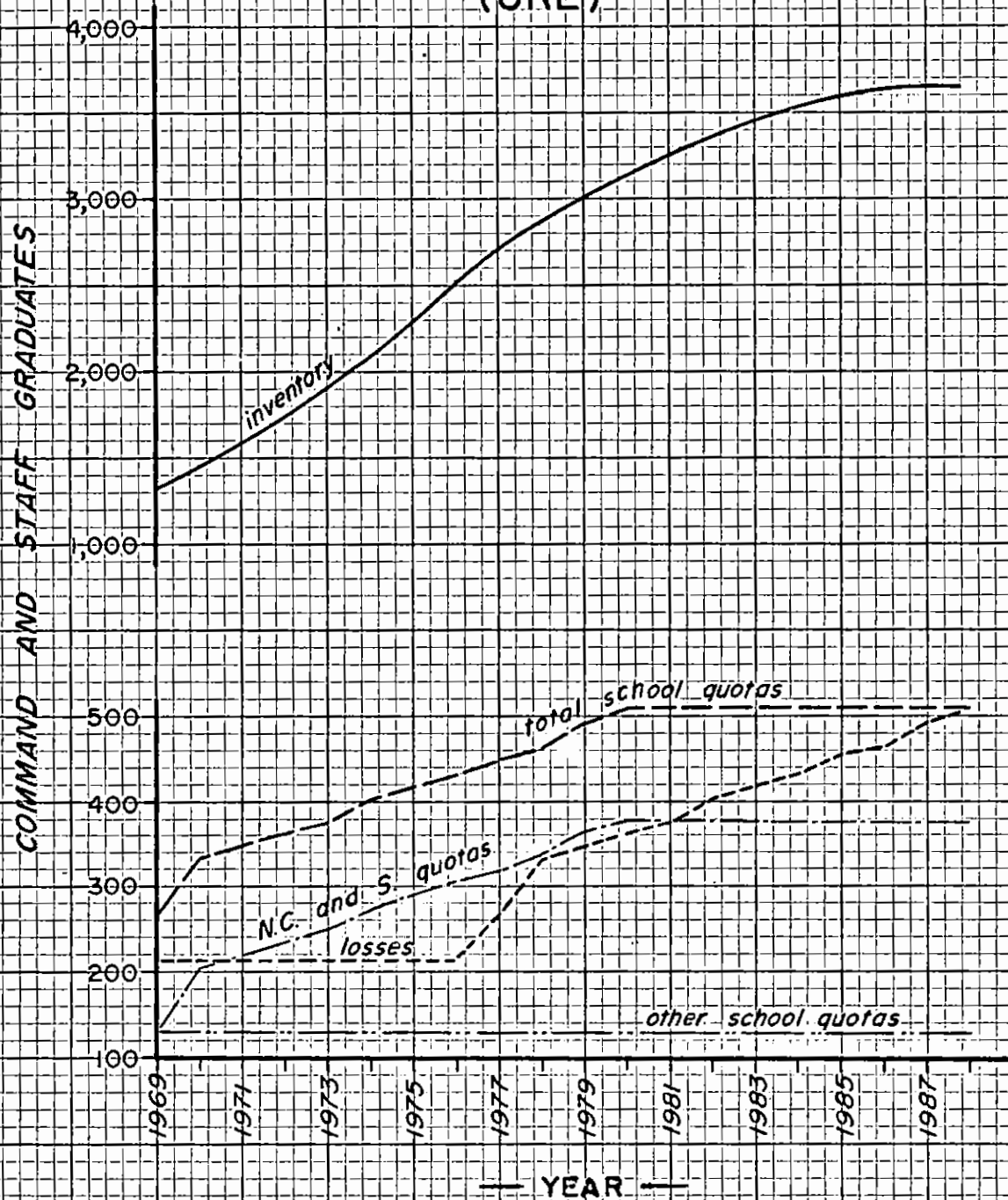
FIGURE II-5

Figures II-6 and II-7 depict the present predicted quota buildup through 1980 for the Naval War College, School of Naval Command and Staff. Without a corresponding increase in restricted line and staff quotas the necessary unrestricted line input quotas could be developed by 1979 (363 unrestricted line officer C&S graduates annually) with the inventory level attainment by 1986 (3,500 unrestricted line graduates). However, the restricted line and staff inventory would be well below their requirements. (185 versus 625) (See Appendix D).

Figure II-8 depicts the actual programmed quota inputs through 1977. (20) As can be seen the total inventory generated by 1977 will be short of the requirements set forth in Appendix C. (2,383 URL inventory versus 2,674 URL under the predicted quota buildup set forth in Figure II-6 and Appendix D)

It was recognized by the Study Group that there are alternate methods of increasing the total inventory such as increased enrollment of other Command and Staff Schools, increased use of the Naval War College Correspondence School, and the School of Naval Command and Staff Interim Course. These alternate methods were considered but not included in the final analysis because of the problem of establishing quantifiable numerical data and it would require a broadening of the scope of the study which was precluded by time limitations associated with the study project.

PLANNED BUILDUP COMMAND AND STAFF GRADUATES (URL)



5 X 5 TO 1/2 INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

PLANNED BUILDUP COMMAND AND STAFF GRADUATES (RL and S)

COMMAND AND STAFF GRADUATES

250
200
150
100
50
40
30
20
10

1969 1971 1973 1975 1977 1979 1981 1983 1985 1987

— YEAR —

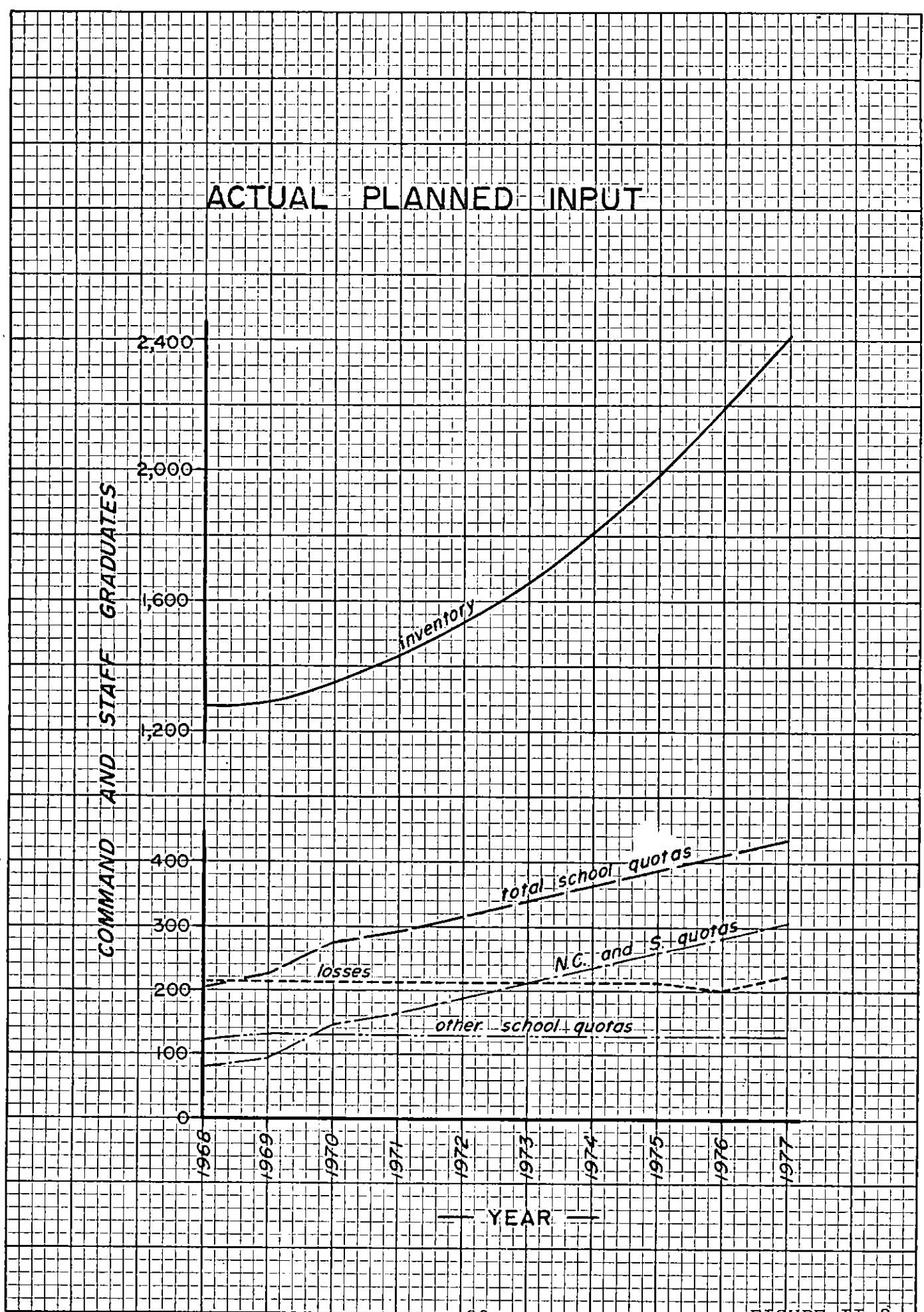
inventory

total school quotas

losses

NC and S quota

other school quotas



D. CONCLUSIONS

The billet analysis was conducted to determine the Navy's numerical requirements for command and staff graduates and the annual enrollment required to reach and sustain the required inventory. The following conclusions were reached based on the results of this analysis:

1. 54.4% (2799) of the unrestricted line and 20.2% of the restricted line and staff Commander (05) billets require a command and staff graduate. These figures plus a certain number of excess officers must be trained to provide a large enough inventory to cover those officers not available for assignment because of various reasons. The excess training requirement was established as 25% of the total requirement. This produced a total required inventory of 3500 unrestricted line and 625 restricted line and staff officer command and staff graduates.

2. The present inventory levels of 1254 unrestricted line and 145 restricted line and staff is inadequate to staff the billets designated. To bring this inventory up to the required inventory levels of 3500 unrestricted line and 625 restricted line will require a feasible rate of buildup spread over a period of eight years with final inventory attained in sixteen years. A more rapid buildup is possible but may not be feasible within existing facilities and funding limitations. The final sustaining yearly quota of 492 unrestricted line and 99 restricted line and staff is attainable.

3. The programmed buildup for the Naval War College, School of Naval Command and Staff, an annual enrollment of 400 students by 1980, will produce the necessary unrestricted line annual quota (363) by 1979. However, the present programmed quotas for restricted line and staff will not produce the necessary annual quota (81) required under current planning factors. To meet total annual requirements a yearly quota for School of Naval Command and Staff of 444 would be required. (363 URL and 81 RL&S)

It may be possible to challenge the need for a command and staff school graduate in any specific billet for the 3295 designated by the study group. Undoubtedly, no two groups would compile precisely the same list. Additionally, it is recognized that the billet list furnished by the Bureau of Naval Personnel was static only as of the day the list was prepared, and that some billets have been deleted and others added. However, the changes should be small and the total figure is considered reasonably accurate, recognizing that individual adjustments will have to be made to the individual listing contained in Appendix C. Large force fluctuations would be reflected directly in the listing by the additions or deletions of individual billets. However, any large modification of total inventory will require a re-examination of requirements and adjustment to annual training goals. In any event, the Study Group believes that the listing as a whole reflects the proper education

and training goals for the Command and Staff School and indicates the types of billets in which command and staff graduates should be employed.

The Navy may never provide a command and staff graduate for each Commander billet identified by this analysis. However, this study will assist the Navy by providing a base for determining requirements and establishing feasible long-range training goals for command and staff education.

RECOMMENDATIONS

The recommendations set forth by the Study Group are divided into two parts. Part I-those generated by the questionnaire and the input profile which was used to define the product. Part II-those generated as the result of the billet analysis and the associated training requirements analysis.

Part I.

Recommendations based upon the conclusions of the questionnaire analysis.

1. That the following subjects be established as separate courses of instruction in the Core Curriculum:
 - a. Effective Writing
 - b. Effective Speaking
 - c. Electronic Warfare
 - d. Techniques of Systems Analysis/Resource Management
 - e. Automatic Data Processing
2. That Joint/Combined Planning in the Office of Secretary of Defense arena receive more emphasis in the Naval Operational Planning-Military Planning part.
3. That Submarine Warfare be accorded separate emphasis in the Naval Operational Planning-Naval Warfare part.
4. That the University Cooperative Program be continually reviewed in relation to the objectives of the Naval War College.

It is recognized by the Study Group that implementation of any recommended courses of instruction would be adequately structured within the objectives of the Naval War College (i.e., Techniques of Systems Analysis would include factors of the decision making process in the management review of systems analysis reports.)

Recommendations based upon the conclusions of the input profile analysis.

1. That the School of Naval Command and Staff be conducted on a truly Graduate level, and that students without a Baccalaureate degree not be admitted unless they have achieved a satisfactory score on the Graduate Record Examination.

2. That the use of committee seminars as a teaching vehicle, particularly in the subject areas pertaining to the surface Navy, be reevaluated to insure that an adequate distribution of practical expertise is available in each study committee.

3. That actions be implemented to insure that the total years of service of Navy officers returns to a lower level, to alleviate the situation of training Naval Officers for staff and Washington duty after the fact.

Part II.

Recommendations based on the conclusions of the billet analysis and the definition of training and inventory requirements.

1. That the Naval War College, School of Naval Command and Staff, assume the primary responsibility for increasing the total naval inventory of command and staff graduates to reach the required inventory figures for unrestricted line officers of 3500 graduates.
2. The quotas for restricted line and staff officers should be reviewed and increased where necessary to bring the input up to the levels set forth in this study to attain and sustain the necessary inventory of 625 graduates. The quota buildup should be spread among the Naval War College, Command and Staff, Armed Forces Staff College, and the Marine Corps Amphibious School in proportion with the individual designator requirements.
3. The program quota buildup for the Naval War College, School of Naval Command and Staff, is adequate to attain the necessary annual quota to sustain the required inventory and it should be established as a firm long-range goal.
4. The Bureau of Naval Personnel should re-massage the billet listing, Appendix C, in conjunction with the individual units designated to further refine this initial analysis.

5. The billets identified by this study should be coded to indicate a command and staff education requirement. The proposed OPNAVINST 1211.6B (Appendix E) and BUPERSINST 1210.13A (Appendix F) are a logical approach to this recommendation. This would also provide a convenient method of handling the individual unit analysis recommended above.

6. The Study Group utilized 12 years of commissioned service as the average for graduates upon completion of the Command and Staff School as a basis for confining its analysis to the Commander 05 billets. If the average output years of commissioned service is lowered below 11 years a reevaluation of the gross inventory requirements must be made to accommodate the additional 04 inventory not available to fill the required designated billets. Additionally, it is recommended that a study be conducted of those senior 04 billets that should be designated for command and staff education requirements and the total inventory and training requirements adjusted accordingly.

7. Junior Commanders (05) should continue to be sent to the command and staff level schools. This training is more clearly geared to providing the necessary skills and knowledge required for filling the billets selected for command and staff education by the Study Group.

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(OP-09B). Subj: The Naval War College Mission
and Functions; proposed revision of.

APPENDIX A

TAB A

COPY OF President, Naval War College
letter serial 1508 of 9 May 1968, to
the Chief of Naval Operations (OP-09B),
subject: The Naval War College Mission
and Functions; proposed revision of.
Proposed revision of OPNAVINST 1520.12B.

DRAFT

OPNAV INSTRUCTION 1520.12C

From: Chief of Naval Operations
To: All Ships and Stations

Subj: The Naval War College; mission and functions

1. Purpose. To define the mission and functions of the Naval War College.
2. Cancellation. This Instruction supersedes OPNAV Instruction 1520.12B of 3 April 1965.
3. General Policy. In order that the Navy may fully meet its responsibilities in peace and war, there must be comprehensive, advanced professional military education for its officers. This education should include systematic acquisition of theoretical and applied knowledge of particular importance to the naval officer in his profession of arms. It should broaden his outlook, encourage creative thought, stimulate his interest in further study, cultivate wisdom and judgment, instill a high degree of professionalism, and prepare him to make sound decisions in the exercise of command and sound recommendations when serving in positions of staff support.
4. Mission of the Naval War College. To provide comprehensive, advanced professional military education for naval officers, direct toward understanding of national goals and objectives, and ways and means of effectively applying the naval and military elements of the national power structure toward achievement of those goals.

5. Primary Functions. Pursuant to the policy and mission herein the President of the Naval War College will conduct the following schools and facilities at the Naval War College:

a. School of Naval Warfare

(1) Purpose. To offer educational programs which will provide through advanced study and research:

(a) Understanding of seapower and maritime strategy and their relationship to the political, economic, social and military factors affecting national security.

(b) Comprehension of international affairs, including international law, international organization, international economics, and diplomatic relations.

(c) Understanding of the development of policies and doctrines for the integrated employment of naval forces.

(d) Appreciation of the contribution to national security by each of the military services, other departments and agencies of Government.

(e) Understanding of the influence of available resources on military plans, operations and readiness, together with a knowledge of military support systems.

(f) Comprehension of modern management concepts and procedures, both military and civilian, as applied to procurement and operation of military forces.

(g) Proficiency in planning and conducting naval, joint, and combined operations.

(h) An understanding of the factors involved in insurgency and counterinsurgency along with the contributions of other governmental agencies involved in counterinsurgency operations.

(i) Sound military judgment requisite in commanders, staff officers, and advisers to civilian superiors in Government.

(j) Understanding of public affairs in general with emphasis upon public relations as a function of command.

(2) Attendance. Naval officers in the grades of captain and commander, with 16-23 years of commissioned service, who currently are best fitted for promotion will be selected to attend. Insofar as practical, students in this Course will have been previously provided the benefits of a Command and Staff level education. Officers of other military services attending will be of equivalent grades and experience. Civilian students from other selected governmental agencies will be of corresponding stature.

(3) Duration. 10 months.

b. School of Naval Command and Staff.

(1) Purpose. To conduct instructional programs which will provide through advanced study and research:

(a) Proficiency in the military planning process directed at naval and joint operations at the task force and task group levels.

(b) An understanding of the fundamentals of warfare, naval weapons and weapons systems, concepts of strategy, including the associated tactics and logistics, and a working knowledge of doctrine.

(c) An understanding of the principles and purposes of international relations, international law and international economics.

(d) An understanding of the concepts of military management including an appreciation of the associated principles involved in cost effectiveness, systems analysis and the decision making process.

(e) A knowledge of the organization and procedures in the formulation of national security policies, including an understanding of the factors involved in insurgency and counterinsurgency operations.

(f) A knowledge of supporting Fleet operations, including communications and intelligence.

(g) Understanding of public affairs in general with emphasis upon public relations as a function of command.

(2) Attendance. Naval officers in the grades of commander and lieutenant commander, with 10-15 years of commissioned service, who currently are best fitted for promotion will be selected to attend. Officers of other services attending will be of equivalent grades and experience.

(3) Duration. 10 months.

c. Naval Command Course. The overall effectiveness of the navies of Free World countries with which the United States is allied or associated is an important concern of the U.S. Navy. The formal professional education of selected officers from these navies at the Naval War College contributes to more effective international cooperation by providing an understanding of U.S. military capabilities and procedures, as well as an appreciation of American values and ideals.

(1) Purpose. To assist specially selected senior naval officers from other Free World nations to prepare themselves for higher command responsibilities in their own navies by advanced study of:

(a) Contemporary sea power, including a review of its elements, the various types of naval warfare with emphasis on U.S. Navy methods, practices, and doctrine, and the planning and conduct of joint, allied, and combined naval operations.

(b) International affairs, including international law, international organizations, and international relations.

(c) Research and presentation procedures and techniques.

(d) The role of the U.S. Army, Air Force, and Marines.

(e) Modern management concepts applicable to both military and civilian establishments.

(f) The United States society, including its government, its civilian institutions and industrial capacity, and its customs.

(2) Attendance. Annually, the Chief of Naval Operations will invite selected Free World countries to send a representative to attend this 10-month course. Officers attending will be in the grade of Commander or Captain.

(3) Duration. 10 months.

d. Correspondence School.

(1) Purpose.

(a) to extend the educational benefits of resident courses to nonresident military officers and selected Government officials:

(i) by offering correspondence courses which will encompass the same general areas of instruction provided to resident students;

(ii) by adapting correspondence courses for use as bases of instruction in Naval Reserve Officers Schools, and by assisting in monitoring student achievements in such schools;
and

(iii) by periodically publishing the Naval War College Review as an extension and reflection of the current academic and educational programs and benefits at the Naval War College.

(b) To publish the treatise on International Law, a work of original legal research required of the holder of the Charles H. Stockton Chair of International Law. The treatise, published in the form of a 'Blue Book' in the Naval War College International Law Series, is utilized in the resident and correspondence programs.

e. War Gaming Department.

(1) Purpose. To provide war gaming services and facilities to the schools and courses of the Naval War College. To this end the war gaming department will:

(a) Maintain and operate the Navy Electronic Warfare Simulator (NEWS).

(b) Supervise the development and conduct of educational war games and current and historical naval warfare presentations for the Naval War College.

(c) Conduct war gaming courses for resident schools and courses.

(d) Pursue an active advanced war gaming development program.

(e) Maintain a file of war games and presentations conducted at the Naval War College

(f) Maintain, for war gaming and curriculum use, up-to-date Performance Characteristics Pamphlets on naval weapon systems and ships.

6. Collateral Functions. In addition to the foregoing, the President of the Naval War College will conduct the following courses and programs:

a. Reserve Officers' Courses. The President of the Naval War College will support the Bureau of Naval Personnel in the advanced training and education of Reserve Officers by the conduct of appropriate resident courses of short duration.

b. Global Strategy Discussions. The Navy has a responsibility to assist in the effort to keep the public informed on national strategy and national defense. The professional military academic atmosphere of the Naval War College is a suitable setting for the conduct of annual meetings contributing to this endeavor. Under the sponsorship of the Secretary of the Navy, the President of the Naval War College will conduct annual Global Strategy Discussions, comprising an interchange of ideas and understanding of current problems in international affairs, of national objectives and goals, and of the role of the Navy and other elements of military power in the furtherance of these goals. Participants will include a select group of eminent and influential civilian leaders, senior military officers, and the staff and students of the College.

c. Senior Officer Executive Management Course. The global commitments of the United States require a military establishment which consumes a substantial portion of the national resources. These resources must be efficiently and effectively managed. To this end, the Naval War College, will prepare an Executive Management Seminar course for about forty senior Naval and Marine Corps officers to be conducted during the summer months. The principal input to the course is planned to come from junior and newly selected Flag and General officers and from senior officers slated for major management billets. Duration of the course will be three or four weeks.

d. Fleet War Gaming Program. In addition to its primary function of providing war gaming services to the Naval War College, the War Gaming Department will:

(1) Provide, as a part of the Navy War Games Program, war gaming services to the Chief of Naval Operations and to Fleet Commanders.

(2) Provide war gaming services to the U.S. Navy Destroyer School.

(3) Present appropriate war gaming briefings and presentations for visiting personnel as directed.

e. Naval Command and Staff Interim Course. Until adequate resident facilities are established at the Naval War College and sufficient numbers of mid-career Naval officers can be made available to meet the Navy's annual requirement for Command and Staff graduates, the President, Naval War College will conduct a special annual Command and Staff level course. This is an interim measure designed to provide Command and Staff education to selected regular mid-career officers who would not otherwise have the opportunity to attend a resident course. These students will receive four weeks of resident instruction at the Naval War College followed by the correspondence portion of the course designed to be completed within a year to eighteen months.

7. Personnel and Facilities. It is the Navy's goal to increase the number of resident officers in the Naval War College to an annual total of 700 by the year 1980. Of these, about 160 will be naval officer students in the School of Naval Warfare, about 400 will be naval officer students in the School of Naval Command and Staff, and about 115 will be officers of other U.S. services or civilian students from other agencies of the government. The number of foreign naval officers in the Naval Command Course is expected to remain relatively small, ranging from 20 to 40. There will be an appropriate program for acquisition of physical facilities to accommodate these students and the supporting military and civilian staff of the Naval War College.

8. Jurisdiction.

a. The Chief of Naval Operations will exercise command over the Naval War College and provide policy guidance to the President.

b. The Chief of Naval Personnel, as the executive agent of the Chief of Naval Operations, will furnish administrative and budgetary support, and will provide staff and student inputs to the College in conformance with policies set forth by the Chief of Naval Operations.

9. Effective Date. This Instruction is effective upon receipt.

10.

APPENDIX B

TAB A

COPY OF SURVEY QUESTIONNAIRE FOR GROUP STUDY PROJECT

From: Senior Member, Group Study Project
To:
Via: President, U.S. Naval War College
Subj: Survey Questionnaire for Group Study Project
Encl: (1) Survey Questionnaire
(2) Return Addressed Envelope

1. Enclosed is a brief questionnaire soliciting your opinion as to what subjects taught in the School of Naval Command and Staff would best prepare officers to serve under your command. It is believed that the considered judgement of experienced senior naval officers is one of the best possible guides to the continuing improvement of the course of instruction. The information generated will be used in a Naval War College group study project on "The Product of the School of Naval Command and Staff."

2. An addressed franked envelope is enclosed for your convenience in returning the questionnaire. A date of return of 15 February 1969 is desired in order to support the study time frame.

3. All replies, as well as any additional comments that you may wish to make, will be held in strictest confidence. Your response will be much appreciated.

FIRST ENDORSEMENT on ltr of _____

From: President, Naval War College
To:

1. Forwarded.

2. This survey is being conducted by students of the School of Naval Command and Staff in fulfillment of an academic requirement of the Naval War College Research Program. It is anticipated that the results of the survey will be reviewed by the staff of SNC&S as an aid to future curriculum planning.

Please furnish the following personal data.

Rank _____

Are you a graduate of the Naval War College? YES _____ NO _____

If the answer to the above question was yes, please indicate if you are a graduate of the School of Naval Warfare (Senior Course), the School of Naval Command and Staff (Junior Course) or both.

NAVAL WARFARE _____ COMMAND AND STAFF _____

SECTION I - SCHOOL OF NAVAL COMMAND AND STAFF CURRICULUM

The mission of the School of Naval Command and Staff is to instruct and develop officers of the middle grades (10-14 years service) in the employment of naval forces and operational and administrative techniques of staff planning and, to prepare them for command and for duty at the group and force levels in fleet operations.

To accomplish this mission, the core curriculum is divided into three interrelated studies: Fundamentals of Strategy, Naval Operational Planning - Naval Warfare and Naval Operational Planning - Military Planning. These three studies are described on the following pages in more detail with the specific courses of instruction that are taught in each study.

In light of your professional experience, please indicate the importance of each course of instruction within each study for the education and professional development of a middle grade naval officer by rating each course of instruction on the scale of 10 to 1 provided. (A rating of 10 indicates most important and a rating of 1 indicates least important.) Blank spaces are provided for entering and rating any suggested additional courses of instruction.

I. **FUNDAMENTALS OF STRATEGY STUDY.** (To broaden the officers' background and develop an understanding of the elements of national strategy.)

Rate the following courses of instruction according to their importance to the education and professional development of a middle grade naval officer by placing an X in the appropriate block (i.e. 10 for most important and 1 for least important). Enter suggested additions in the blank spaces provided and rate them in the same manner. The same rating may be used for more than one course of instruction.

	10	9	8	7	6	5	4	3	2	1
1. INTERNATIONAL RELATIONS (Basic terms and concepts, elements of national power, effects of ideology, security problems, foreign policy)										
2. MILITARY MANAGEMENT (Essentials of management, military applications of management principles, current DOD systems and programs)										
3. ECONOMICS (U.S. fiscal and monetary policies, balance of payments, international economics, economic growth of nations)										
4. INTERNATIONAL LAW (Maritime jurisdiction, legal aspects of deployment of forces in limited wars, current law problems of the U.S. Navy)										

	10	9	8	7	6	5	4	3	2	1
5. CONCEPTS OF STRATEGY (Theories of strategy, past national policies, current concepts of strategy)										
6. _____										
7. _____										

II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE. (To further the professional knowledge of the fundamentals of naval warfare.)

Rate the following courses of instruction according to their importance to the education and professional development of a middle grade naval officer by placing an X in the appropriate block (i.e. 10 for most important and 1 for least important). Enter suggested additions in the blank spaces provided and rate them in the same manner. The same rating may be used for more than one course of instruction.

	10	9	8	7	6	5	4	3	2	1
1. THE THREAT (Further the understanding of the military threats posed by the Soviet Union and Communist China)										
2. MINE WARFARE (To familiarize the officer with strategic and tactical mine warfare considerations)										
3. ANTISUBMARINE WARFARE (To familiarize the officer with Navy doctrines, forces, and equipment for ASW warfare)										
4. ANTI-AIR WARFARE (To present the basic AAW weapons systems, techniques, and doctrine)										
5. STRIKE DELIVERY SYSTEMS (To provide knowledge of the capabilities, limitations, and concepts for the employment of the conventional/nuclear delivery systems available to the U.S.)										

	10	9	8	7	6	5	4	3	2	1
6. INSHORE WARFARE (To examine the various facets of inshore warfare, drawing on experience in Southeast Asia, with emphasis on tactics employed, derivation of doctrine, and current and future equipment)										
7. AMPHIBIOUS WARFARE (Provide the opportunity to examine basic amphibious doctrine, forces, equipment and planning procedures)										
8. _____										
9. _____										

III. NAVAL OPERATIONAL PLANNING - MILITARY PLANNING. (To develop competence in military planning and to examine the application of the military planning process to various elements of warfare)

Rate the following courses of instruction according to their importance to the education and professional development of a middle grade naval officer by placing an X in the appropriate block (i.e. 10 for most important and 1 for least important). Enter suggested additions in the blank spaces provided and rate them in the same manner. The same rating may be used for more than one course of instruction.

	10	9	8	7	6	5	4	3	2	1
1. MILITARY PLANNING PROCESS (To teach the elements of operational planning and the techniques employed by a commander in arriving at a decision)										
2. COMMUNICATIONS PLANNING (To increase knowledge of Naval and Defense communications systems and their procedures, and principles and elements of Electronic Warfare)										
3. INTELLIGENCE PLANNING (To acquaint the officer with techniques of intelligence collection and dissemination as they affect the operational commander)										
4. LOGISTICS (To familiarize the officer with the nature of logistics, logistic planning procedures, and current logistic problems facing the military establishment)										

	10	9	8	7	6	5	4	3	2	1
5.										
6.										

IV. In addition to the three (3) interrelated studies discussed in the preceding pages, the core curriculum contains four (4) independent studies which do not have convenient specific courses of instruction. These studies are described below.

1. **PLANNING EXERCISES.** (To develop an understanding of naval warfare by providing the opportunity to originate naval plans on the Task Force and Task Group levels, employing forces and weapon systems and using methods and techniques introduced in Naval Operational Planning, in order to increase the potential as a commander and staff planner in the conduct of naval operations.)
2. **COUNTERINSURGENCY.** (To make the officer aware of the political, economic, social, and military factors involved in insurgency movements and ways to prevent or counter insurgencies.)
3. **PUBLIC AFFAIRS.** (To explain the principles and means in formulating public opinion, the role of the commander in public affairs, and the U.S. Navy Public Affairs policies.)
4. **STAFF STUDY.** (Each officer will conduct one acceptable staff study during the Strike Delivery System, Anti-Air Warfare or Anti-Submarine Warfare parts of the Naval Operational Planning (NOP) Study; staff study topics will be assigned by the school and the officer will brief his staff study during an NOP seminar and be prepared to explain his statement of the problem, analysis and conclusions.)

Rate these studies below according to their importance to the education and professional development of a middle grade naval officer by placing an X in the appropriate block (i.e. 10 for most important and 1 for least important). The same rating may be used for more than one study.

	10	9	8	7	6	5	4	3	2	1
1. <u>PLANNING EXERCISES</u>										
2. <u>COUNTERINSURGENCY</u>										
3. <u>PUBLIC AFFAIRS</u>										
4. <u>STAFF STUDY</u>										

- V. The four studies discussed in paragraph IV together with the three interrelated studies are the major areas of study in the School of Naval Command and Staff and they comprise the core curriculum.

Rate these seven studies below according to their importance to the education and professional development of a middle grade naval officer by placing an X in the appropriate block (i.e. 10 for most important and 1 for least important). Enter suggested additions in the blank spaces provided and rate them in the same manner. The same rating may be used for more than one study.

	10	9	8	7	6	5	4	3	2	1
1. <u>FUNDAMENTALS OF STRATEGY</u>										
2. <u>NAVAL OPERATIONAL PLANNING - NAVAL WARFARE</u>										
3. <u>NAVAL OPERATIONAL PLANNING - MILITARY PLANNING</u>										
4. <u>PLANNING EXERCISES</u>										
5. <u>COUNTERINSURGENCY</u>										
6. <u>PUBLIC AFFAIRS</u>										
7. <u>STAFF STUDY</u>										
8. _____										

9. _____										

SECTION II - MISCELLANEOUS

I. Please list those positions/billets in your Command/Staff that could most profitably utilize graduates of the School of Naval Command and Staff, (i.e. Commanding Officers and Executive Officers under Command heading and Chief of Staff and Operations Officer under Staff heading).

COMMAND	STAFF
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____

SECTION II - MISCELLANEOUS

II. In addition to the Core Curriculum which has been presented in Section I, the School of Naval Command and Staff conducts a Cooperative Curriculum program. The Cooperative Curriculum is an integral part of the Naval War College program and provides the means for developing individual excellence and adding a dimension of depth of understanding in, and contribution to a selected area of significant military, political, social or economic concern related directly to national security.

During the Fundamentals of Strategy Study, officers are engaged in the process of selecting, and being assigned to, a Cooperative Curriculum option. Each officer will participate in one of three basic options. These options are described below.

1. Naval War College Research Seminars. Officers who select this option participate in a winter seminar and a spring term elective. During the winter seminar, and under the guidance of the Faculty Research Advisor, each officer will prepare a thesis.

2. Group Research Projects. This program is for those officers who have completed a thesis or the requirements for a master's degree upon arrival at the Naval War College or who possess special skills or experience necessary to a particular study. Officers selected for this option are assigned to small groups in order to study some of the many challenging problems facing the Navy today that demand creative, forward-looking intellectual effort. The product of this option is a group research project report.

3. University Cooperative Programs. This option permits the preparation of an individual research paper under the supervision of a professor at a civilian university associated with the Naval War College. Courses are available at the University of Rhode Island, the George Washington University, or Brown University. This program also expands the opportunities available by providing participation in a degree producing program at the baccalaureate level, a degree producing program at the master level, and participation in graduate seminar courses.

As an adjunct to the Core and Cooperative Curricula, a variety of after-hours courses are offered to those officers who need or desire to improve their skills in effective communication and management. Enrollment is voluntary and consist of courses such as Principles of

Effective Writing, Reading Improvement, Principles of Data Processing, Conversational Spanish and Conversational French.

This synopsis of the School of Naval Command and Staff Curriculum has been presented in order to solicit comment and/or discussion from you with regards to the entire curriculum (Core, Cooperative, after-hours courses) as it now exists. We believe that the considered judgement and reasoned opinions of our experienced senior naval officers is one of the best possible guides for appraisal of our curriculum. Therefore, we would appreciate any comments, however brief or otherwise, from you. Please use the remaining blank pages for this purpose.

APPENDIX C

TAB A - SUMMARY OF COMMANDER 05 BILLETS SELECTED FOR
COMMAND AND STAFF EDUCATION REQUIREMENTS
ARRANGED BY SEA, OVERSEAS, AND SHORE FOR
UNRESTRICTED LINE AND RESTRICTED LINE AND
STAFF.

TAB B - INDIVIDUAL BILLET LISTING ARRANGED BY
DESIGNATOR OF COMMANDER 05 BILLETS SELECTED
FOR COMMAND AND STAFF EDUCATION REQUIREMENTS.

TAB A

SUMMARY

<u>SEA</u>	<u>Unrestricted Line</u>	<u>Restricted Line & Staff</u>	<u>Totals</u>
Ship, acft sqdn, other	980	97	1,077
Afloat staffs	<u>254</u>	<u>15</u>	<u>269</u>
Total SEA	1,234	112	1,346
<u>OVERSEAS</u>			
Overseas shore	85	20	105
Overseas staffs	<u>394</u>	<u>101</u>	<u>495</u>
Total OVERSEAS	479	121	600
<u>SHORE</u>			
CONUS shore	752	167	919
Ashore staffs	<u>334</u>	<u>96</u>	<u>430</u>
Total SHORE	1,086	263	1,349
<hr/>			
GRAND TOTALS	2,799	496	3,295
* * * * *	* * * * *	* * * * *	* * * * *
<u>STAFFS</u>			
Afloat staffs	254	15	269
Overseas staffs	394	101	495
Ashore staffs	<u>334</u>	<u>96</u>	<u>430</u>
Total STAFFS	982	212	1,194

AMC ACTIVITY			DESIG/RANK	BSC	NOBC	BILLET	TITLE
AA CVA	38	SHANGRI LA	1100	2	08000	9258	WEAPONS OFF
AA CVA	42	F D ROOSEVELT	1100	2	08000	9258	WEAPONS
AA CVA	59	FORRESTAL	1100	2	08000	9258	WEAPONS
AA CVA	60	SARATOGA	1100	2	08000	9258	WEAPONS
AA CVA	62	INDEPENDENCE	1100	2	07500	9258	WEAPONS
AA CVA	66	AMERICA	1100	2	06600	9258	WEAPONS OFF
AA CVA	67	JOHN F KENNEDY	1100	2	06600	9258	WEAPONS OFF
AB CVA	24	TICONDEROGA	1100	2	08000	9258	WEAPONS OFF
AB CVA	19	HANCOCK	1100	2	08000	9258	WEAPONS OFF
AB CVA	31	BON HOMME RICHARD	1100	2	08000	9258	WEAPONS OFF
AB CVA	34	CRISKANY	1100	2	08000	9258	WEAPONS OFF
AB CVA	43	CORAL SEA	1100	2	08000	9258	WEAPONS
AB CVA	61	RANGER	1100	2	07500	9258	WEAPONS
AB CVA	63	KITTY HAWK	1100	2	07550	9258	WEAPONS
AB CVA	64	CONSTELLATION	1100	2	07550	9258	WEAPONS
AB CVAN	65	ENTERPRISE	1100	2	06810	9258	WEAPONS
AC CVS	9	ESSEX	1100	2	06200	9258	WEAPONS
AC CVS	11	INTREPID	1100	2	06200	9258	WEAPONS
AC CVS	15	RANDOLPH	1100	2	06200	9258	WEAPONS
AC CVT	16	LEXINGTON	1100	2	08000	9238	WEAPONS OFFICER
AC CVS	18	WASP	1100	2	06200	9258	WEAPONS
AD CVS	10	YORKTOWN	1100	2	06200	9258	WEAPONS
AD CVS	12	HORNET	1100	2	06200	9258	WEAPONS
AD CVS	20	BENNINGTON	1100	2	06200	9258	WEAPONS
AD CVS	33	KEARSARGE	1100	2	06200	9258	WEAPONS
AE CA	148	NEWPORT NEWS	1100	2	01210	9274	OPERATIONS
AE CAG	1	BOSTON	1100	2	00910	9274	OPERATIONS
AE CAG	1	BOSTON	1100	2	02810	9258	WEAPONS OFF
AE CG	12	COLUMBUS	1100	2	01210	9274	OPERATIONS
AE CG	12	COLUMBUS	1100	2	03110	9258	WEAPONS
AE CLG	4	LITTLE ROCK	1100	2	01010	9274	OPERATIONS
AE CLG	4	LITTLE ROCK	1100	2	03010	9258	WEAPONS
AE CLG	7	SPRINGFIELD	1100	2	01010	9274	OPERATIONS
AE CLG	7	SPRINGFIELD	1100	2	03010	9258	WEAPONS
AF BB	62	NEW JERSEY	1100	2	01510	9274	OPERATIONS
AF BB	62	NEW JERSEY	1100	2	02810	9258	WEAPONS
AF CA	73	ST PAUL	1100	2	01210	9274	OPERATIONS
AF CAG	2	CANBERRA	1100	2	00910	9274	OPERATIONS
AF CAG	2	CANBERRA	1100	2	02810	9258	WEAPONS
AF CG	11	CHICAGO	1100	2	01210	9275	OPERATIONS NTDS
AF CG	11	CHICAGO	1100	2	03110	9258	WEAPONS
AF CGN	9	LONG BEACH	1100	2	00910	9275	OPERATIONS NTDS
AF CGN	9	LONG BEACH	1100	2	02410	9258	WEAPONS
AF CLG	3	GALVESTON	1100	2	01010	9274	OPERATIONS
AF CLG	3	GALVESTON	1100	2	03010	9258	WEAPONS
AF CLG	5	OKLAHOMA CITY	1100	2	01010	9274	OPERATIONS
AF CLG	5	OKLAHOMA CITY	1100	2	03010	9258	WEAPONS
AF CLG	6	PROVIDENCE	1100	2	01010	9274	OPERATIONS
AF CLG	6	PROVIDENCE	1100	2	03010	9258	WEAPONS
AF CLG	8	TOPEKA	1100	2	01010	9274	OPERATIONS
AF CLG	8	TOPEKA	1100	2	03010	9258	WEAPONS

AG DD	466	WALLER	1100	2	00110	9222	COMMANDING
AG DD	470	BACHE	1100	2	00110	9222	COMMANDING
AG DD	471	BEALE	1100	2	00110	9222	COMMANDING
AG DD	507	CONWAY	1100	2	00110	9222	COMMANDING
AG DD	508	CONY	1100	2	00110	9222	COMMANDING
AG DD	510	EATON	1100	2	00110	9222	COMMANDING
AG DD	692	ALLEN M SUMNER	1100	2	00110	9222	COMMANDING
AG DD	693	MOALE	1100	2	00110	9222	COMMANDING
AG DD	694	INGRAHAM	1100	2	00110	9222	COMMANDING
AG DD	696	ENGLISH	1100	2	00110	9222	COMMANDING
AG DD	697	CHARLES S SPERRY	1100	2	00110	9222	COMMANDING
AG DD	698	AULT	1100	2	00110	9222	COMMANDING
AG DD	699	WALDRON	1100	2	00110	9222	COMMANDING
AG DD	700	HAYNSWORTH	1100	2	00110	9222	COMMANDING
AG DD	701	JOHN W WEEKS	1100	2	00110	9222	COMMANDING
AG DD	702	HANK	1100	2	00110	9222	COMMANDING
AG DD	703	WALLACE L LIND	1100	2	00110	9222	COMMANDING
AG DD	704	BORIE	1100	2	00110	9222	COMMANDING
AG DD	705	COMPTON	1100	2	00110	9222	COMMANDING
AG DD	706	GAINARD	1100	2	00110	9222	COMMANDING
AG DD	707	SOLEY	1100	2	00110	9222	COMMANDING
AG DD	708	HARLAN R DICKSON	1100	2	00110	9222	COMMANDING
AG DD	709	HUGH PURVIS	1100	2	00110	9222	COMMANDING
AG DD	710	GEARING	1100	2	00110	9222	COMMANDING
AG DD	711	EUGENE A GREENE	1100	2	00110	9222	COMMANDING
AG DD	712	GYATT	1100	2	00110	9222	COMMANDING
AG DD	714	WILLIAM R RUSH	1100	2	00110	9222	COMMANDING
AG DD	715	WILLIAM M WOOD	1100	2	00110	9222	COMMANDING
AG DD	722	BARTON	1100	2	00110	9222	COMMANDING
AG DD	724	LAFFEY	1100	2	00110	9222	COMMANDING
AG DD	732	HYMAN	1100	2	00110	9222	COMMANDING
AG DD	734	PURDY	1100	2	00110	9222	COMMANDING
AG DD	753	JOHN R PIERCE	1100	2	00110	9222	COMMANDING
AG DD	756	BEATTY	1100	2	00110	9222	COMMANDING
AG DD	757	PUTNAM	1100	2	00110	9222	COMMANDING
AG DD	758	STRONG	1100	2	00110	9222	COMMANDING
AG DD	762	HENLEY	1100	2	00110	9222	COMMANDING
AG DD	763	WILLIAM C LAWE	1100	2	00110	9222	COMMANDING
AG DD	764	LLOYD THOMAS	1100	2	00110	9222	COMMANDING
AG DD	765	KEPPLER	1100	2	00110	9222	COMMANDING
AG DD	770	LOWRY	1100	2	00110	9222	COMMANDING
AG DD	775	WILLARD KEITH	1100	2	00110	9222	COMMANDING
AG DD	776	JAMES C OWENS	1100	2	00110	9222	COMMANDING
AG DD	777	ZELLARS	1100	2	00110	9222	COMMANDING
AG DD	778	MASSEY	1100	2	00110	9222	COMMANDING
AG DD	779	DOUGLAS H FOX	1100	2	00110	9222	COMMANDING
AG DD	780	STORMES	1100	2	00110	9222	COMMANDING
AG DD	781	R K HUNTINGTON	1100	2	00110	9222	COMMANDING
AG DD	817	CORRY	1100	2	00110	9222	COMMANDING
AG DD	818	NEW	1100	2	00110	9222	COMMANDING
AG DD	819	HOLDER	1100	2	00110	9222	COMMANDING
AG DD	820	RICH	1100	2	00110	9222	COMMANDING
AG DD	821	JOHNSTON	1100	2	00110	9222	COMMANDING
AG DD	822	ROBERT H MCCARD	1100	2	00110	9222	COMMANDING
AG DD	823	SAMUEL B ROBERTS	1100	2	00110	9222	COMMANDING

AG DD	824	BASILONE	1100	2	00110	9222	COMMANDING
AG DD	827	ROBERT A OWENS	1100	2	00110	9222	COMMANDING
AG DD	829	MYLES C FOX	1100	2	00110	9222	COMMANDING
AG DD	835	CHARLES P CECIL	1100	2	00110	9222	COMMANDING
AG DD	837	SARSFIELD	1100	2	00110	9222	COMMANDING
AG DD	839	POWER	1100	2	00110	9222	COMMANDING
AG DD	840	GLENNON	1100	2	00110	9222	COMMANDING
AG DD	841	NOA	1100	2	00110	9222	COMMANDING
AG DD	842	FISKE	1100	2	00110	9222	COMMANDING
AG DD	843	WARRINGTON	1100	2	00110	9222	COMMANDING
AG DD	844	PERRY	1100	2	00110	9222	COMMANDING
AG DD	847	ROBERT L WILSON	1100	2	00110	9222	COMMANDING
AG DD	848	WITEK	1100	2	00110	9222	COMMANDING
AG DD	850	JOS P KENNEDY JR	1100	2	00110	9222	COMMANDING
AG DD	849	R E KRAUS	1100	2	00110	9222	COMMANDING
AG DD	853	CHARLES H ROAN	1100	2	00110	9222	COMMANDING
AG DD	857	ERISTOL	1100	2	00110	9222	COMMANDING
AG DD	858	FRED T BERRY	1100	2	00110	9222	COMMANDING
AG DD	859	NORRIS	1100	2	00110	9222	COMMANDING
AG DD	860	MCCAFFERY	1100	2	00110	9222	COMMANDING
AG DD	861	HARWOOD	1100	2	00110	9222	COMMANDING
AG DD	862	VOGELGESANG	1100	2	00110	9222	COMMANDING
AG DD	863	STEINAKER	1100	2	00110	9222	COMMANDING
AG DD	864	HAROLD J ELLISON	1100	2	00110	9222	COMMANDING
AG DD	865	CHARLES R WARE	1100	2	00110	9222	COMMANDING
AG DD	866	CONE	1100	2	00110	9222	COMMANDING
AG DD	867	STRIBLING	1100	2	00110	9222	COMMANDING
AG DD	868	BROWNSON	1100	2	00110	9222	COMMANDING
AG DD	871	DAMATO	1100	2	00110	9222	COMMANDING
AG DD	872	FORREST B ROYAL	1100	2	00110	9222	COMMANDING
AG DD	873	HAWKINS	1100	2	00110	9222	COMMANDING
AG DD	878	VESOLE	1100	2	00110	9222	COMMANDING
AG DD	879	LEARY	1100	2	00110	9222	COMMANDING
AG DD	880	DYESS	1100	2	00110	9222	COMMANDING
AG DD	881	BORDELON	1100	2	00110	9222	COMMANDING
AG DD	882	FURSE	1100	2	00110	9222	COMMANDING
AG DD	883	NEWMAN K PERRY	1100	2	00110	9222	COMMANDING
AG DD	888	STICHELL	1100	2	00110	9222	COMMANDING
AG DD	889	OHARE	1100	2	00110	9222	COMMANDING
AG DD	890	MEREDITH	1100	2	00110	9222	COMMANDING
AG DD	931	FORREST SHERMAN	1100	2	00110	9222	COMMANDING
AG DD	933	BARRY	1100	2	00110	9222	COMMANDING
AG DD	937	DAVIS	1100	2	00110	9222	COMMANDING
AG DD	938	JONAS INGRAM	1100	2	00110	9222	COMMANDING
AG DD	940	MANLEY	1100	2	00110	9222	COMMANDING
AG DD	941	DUPONT	1100	2	00110	9222	COMMANDING
AG DD	942	BIGELOW	1100	2	00110	9222	COMMANDING
AG DD	943	BLANDY	1100	2	00110	9222	COMMANDING
AG DD	944	MULLIN, IX	1100	2	00110	9222	COMMANDING
AG DDG	2	CHARLES F ADAMS	1100	2	00110	9222	COMMANDING
AG DDG	3	JOHN KING	1100	2	00110	9222	COMMANDING
AG DDG	4	LAWRENCE	1100	2	00110	9222	COMMANDING
AG DDG	5	CLAUDE RICKETTS	1100	2	00110	9222	COMMANDING
AG DDG	6	BARNEY	1100	2	00110	9222	COMMANDING

AG DDG	10	SAMPSON	1100	2	00110	9222	COMMANDING
AG DDG	11	SELLERS	1100	2	00110	9222	COMMANDING
AG DDG	17	CONYNGHAM	1100	2	00110	9222	COMMANDING
AG DDG	18	SEMMES	1100	2	00110	9222	COMMANDING
AG DDG	19	TATTNALL	1100	2	00110	9222	COMMANDING
AG DDG	23	RICHARD E BYRD	1100	2	00110	9222	COMMANDING
AG DDG	31	DECATUR	1100	2	00110	9222	COMMANDING
AG DDG	35	MITSCHER	1100	2	00110	9222	COMMANDING
AG DDR	713	KENNETH D BAILEY	1100	2	00110	9222	COMMANDING
AG DDR	831	GODRICH	1100	2	00110	9222	COMMANDING
AG DDR	834	TURNER	1100	2	00110	9222	COMMANDING
AG DLG	6	FARRAGUT	1100	2	00110	9222	COMMANDING
AG DLG	7	LUCE	1100	2	00110	9222	COMMANDING
AG DLG	8	MACDONOUGH	1100	2	00110	9222	COMMANDING
AG DLG	12	DAHLGREN	1100	2	00110	9222	COMMANDING
AG DLG	13	WILLIAM V PRATT	1100	2	00110	9222	COMMANDING
AG DLG	14	DEWEY	1100	2	00110	9222	COMMANDING
AG DLG	16	LEAHY	1100	2	00110	9222	COMMANDING
AG DLG	17	HARRY E YARNELL	1100	2	00110	9222	COMMANDING
AG DLG	26	BELKNAP	1100	2	00110	9222	COMMANDING
AG DLG	27	JOSEPHUS DANIELS	1100	2	00110	9222	COMMANDING
AG DLG	28	WAINWRIGHT	1100	2	00110	9222	COMMANDING
AG DLG	32	WM H STANDLEY	1100	2	00110	9222	COMMANDING
AG DLG	34	BIDDLE	1100	2	00110	9222	COMMANDING
AG DL	4	WILLIS A LEE	1100	2	00110	9222	COMMANDING
AG DL	5	WILKINSON	1100	2	00110	9222	COMMANDING
AH DD	445	FLETCHER	1100	2	00110	9222	COMMANDING
AH DD	446	RADFORD	1100	2	00110	9222	COMMANDING
AH DD	447	JENKINS	1100	2	00110	9222	COMMANDING
AH DD	449	NICHOLAS	1100	2	00110	9222	COMMANDING
AH DD	450	OBANNON	1100	2	00110	9222	COMMANDING
AH DD	468	TAYLOR	1100	2	00110	9222	COMMANDING
AH DD	498	PHILIP	1100	2	00110	9222	COMMANDING
AH DD	499	RENSHAW	1100	2	00110	9222	COMMANDING
AH DD	517	WALKER	1100	2	00110	9222	COMMANDING
AH DD	528	MULLANY	1100	2	00110	9222	COMMANDING
AH DD	540	TWINING	1100	2	00110	9222	COMMANDING
AH DD	544	BOYD	1100	2	00110	9222	COMMANDING
AH DD	547	COWELL	1100	2	00110	9222	COMMANDING
AH DD	561	PRICHETT	1100	2	00110	9222	COMMANDING
AH DD	566	STODDARD	1100	2	00110	9222	COMMANDING
AH DD	577	SPROSTON	1100	2	00110	9222	COMMANDING
AH DD	596	SHIELDS	1100	2	00110	9222	COMMANDING
AH DD	630	BRAINE	1100	2	00110	9222	COMMANDING
AH DD	651	COGSWELL	1100	2	00110	9222	COMMANDING
AH DD	652	INGERSOLL	1100	2	00110	9222	COMMANDING
AH DD	666	BLACK	1100	2	00110	9222	COMMANDING
AH DD	676	MARSHALL	1100	2	00110	9222	COMMANDING
AH DD	681	HOPEWELL	1100	2	00110	9222	COMMANDING
AH DD	682	PORTERFIELD	1100	2	00110	9222	COMMANDING
AH DD	684	WEDDERBURN	1100	2	00110	9222	COMMANDING
AH DD	688	PICKING	1100	2	00110	9222	COMMANDING
AH DD	688	HALSEY POWELL	1100	2	00110	9222	COMMANDING
AH DD	687	UHLMANN	1100	2	00110	9222	COMMANDING
AH DD	716	WILTSIE	1100	2	00110	9222	COMMANDING

AH DD	717	THEO E CHANDLER	1100	2	00110	9222	COMMANDING
AH DD	718	HAMNER	1100	2	00110	9222	COMMANDING
AH DD	719	EPPERSON	1100	2	00110	9222	COMMANDING
AH DD	723	WALKE	1100	2	00110	9222	COMMANDING
AH DD	725	OERIEN	1100	2	00110	9222	COMMANDING
AH DD	727	DEHAVEN	1100	2	00110	9222	COMMANDING
AH DD	728	MANSFIELD	1100	2	00110	9222	COMMANDING
AH DD	729	LYMAN K SWENSON	1100	2	00110	9222	COMMANDING
AH DD	730	COLLETT	1100	2	00110	9222	COMMANDING
AH DD	731	MADDOX	1100	2	00110	9222	COMMANDING
AH DD	743	SCUTHERLAND	1100	2	00110	9222	COMMANDING
AH DD	744	BLUE	1100	2	00110	9222	COMMANDING
AH DD	745	BRUSH	1100	2	00110	9222	COMMANDING
AH DD	746	TAUSSIG	1100	2	00110	9222	COMMANDING
AH DD	747	SAMUEL N MOORE	1100	2	00110	9222	COMMANDING
AH DD	748	HARRY E HUBBARD	1100	2	00110	9222	COMMANDING
AH DD	752	A A CUNNINGHAM	1100	2	00110	9222	COMMANDING
AH DD	754	FRANK E EVANS	1100	2	00110	9222	COMMANDING
AH DD	755	JOHN A BOLE	1100	2	00110	9222	COMMANDING
AH DD	759	LOFBERG	1100	2	00110	9222	COMMANDING
AH DD	760	JOHN W THOMASON	1100	2	00110	9222	COMMANDING
AH DD	761	BUCK	1100	2	00110	9222	COMMANDING
AH DD	782	ROWAN	1100	2	00110	9222	COMMANDING
AH DD	783	GURKE	1100	2	00110	9222	COMMANDING
AH DD	784	MCKEAN	1100	2	00110	9222	COMMANDING
AH DD	785	HENDERSON	1100	2	00110	9222	COMMANDING
AH DD	786	R B ANDERSON	1100	2	00110	9222	COMMANDING
AH DD	787	JAMES E KYES	1100	2	00110	9222	COMMANDING
AH DD	788	HOLLISTER	1100	2	00110	9222	COMMANDING
AH DD	789	EVERSOLE	1100	2	00110	9222	COMMANDING
AH DD	790	SHELTON	1100	2	00110	9222	COMMANDING
AH DD	795	PRESTON	1100	2	00110	9222	COMMANDING
AH DD	805	CHEVALIER	1100	2	00110	9222	COMMANDING
AH DD	806	HIGBEE	1100	2	00110	9222	COMMANDING
AH DD	807	BENNER	1100	2	00110	9222	COMMANDING
AH DD	808	DENNIS J BUCKLEY	1100	2	00110	9222	COMMANDING
AH DD	825	CARPENTER	1100	2	00110	9222	COMMANDING
AH DD	826	AGERHOLM	1100	2	00110	9222	COMMANDING
AH DD	830	EVERETT F LARSON	1100	2	00110	9222	COMMANDING
AH DD	832	HANSON	1100	2	00110	9222	COMMANDING
AH DD	833	HERBERT J THOMAS	1100	2	00110	9222	COMMANDING
AH DD	836	GEO K MACKENZIE	1100	2	00110	9222	COMMANDING
AH DD	845	BAUSELL	1100	2	00110	9222	COMMANDING
AH DD	846	OZBOURN	1100	2	00110	9222	COMMANDING
AH DD	851	RUPERTUS	1100	2	00110	9222	COMMANDING
AH DD	852	LEONARD F MASON	1100	2	00110	9222	COMMANDING
AH DD	869	ARNOLD J ISBELL	1100	2	00110	9222	COMMANDING
AH DD	870	FECHTELER	1100	2	00110	9222	COMMANDING
AH DD	875	HENRY W TUCKER	1100	2	00110	9222	COMMANDING
AH DD	876	ROGERS	1100	2	00110	9222	COMMANDING
AH DD	877	PERKINS	1100	2	00110	9222	COMMANDING
AH DD	884	FLOYD B PARKS	1100	2	00110	9222	COMMANDING
AH DD	885	JOHN R CRAIG	1100	2	00110	9222	COMMANDING
AH DD	886	ORLECK	1100	2	00110	9222	COMMANDING

AH DD	857	BRINKLEY BASS	1100	2	00110	9222	COMMANDING	
AH DD	945	HULL	1100	2	00110	9222	COMMANDING	
AH DD	946	EDSON	1100	2	00110	9222	COMMANDING	
AH DD	948	MORTON	1100	2	00110	9222	COMMANDING	
AH DD	950	RICHARD EDWARDS	1100	2	00110	9222	COMMANDING	
AH DD	951	TURNER JOY	1100	2	00110	9222	COMMANDING	
AH DDG	7	HENRY B WILSON	1100	2	00110	9222	COMMANDING	
AH DDG	8	LYNDE MCCORMICK	1100	2	00110	9222	COMMANDING	
AH DDG	9	TOWERS	1100	2	00110	9222	COMMANDING	
AH DDG	12	ROBISON	1100	2	00110	9222	COMMANDING	
AH DDG	13	HOEL	1100	2	00110	9222	COMMANDING	
AH DDG	14	BUCHANAN	1100	2	00110	9222	COMMANDING	
AH DDG	15	BERKELEY	1100	2	00110	9222	COMMANDING	
AH DDG	16	JOSEPH STRAUSS	1100	2	00110	9222	COMMANDING	
AH DDG	20	GOLDSBOROUGH	1100	2	00110	9222	COMMANDING	
AH DDG	21	COCHRANE	1100	2	00110	9222	COMMANDING	
AH DDG	22	BEN STODDERT	1100	2	00110	9222	COMMANDING	
AH DDG	24	WADDELL	1100	2	00110	9222	COMMANDING	
AH DDG	32	JOHN PAUL JONES	1100	2	00110	9222	COMMANDING	
AH DDG	33	PARSONS	1100	2	00110	9222	COMMANDING	
AH DDG	34	SOMERS	1100	2	00110	9222	COMMANDING	
AH DDG	36	J MCCAIN	1100	2	00110	9222	COMMANDING	
AH DDR	742	FRANK KNOX	1100	2	00110	9222	COMMANDING	
AH DDR	838	ERNEST G SMALL	1100	2	00110	9222	COMMANDING	
AH DDR	874	DUNCAN	1100	2	00110	9222	COMMANDING	
AH DLG	9	COONTZ	1100	2	00110	9222	COMMANDING	
AH DLG	10	KING	1100	2	00110	9222	COMMANDING	
AH DLG	11	MAHAN	1100	2	00110	9222	COMMANDING	
AH DLG	15	PREBLE	1100	2	00110	9222	COMMANDING	
BC CC	1	NORTHAMPTON	1100	2	02110	9274	OPERATIONS	
BC CC	2	WRIGHT	1100	2	02110	9274	OPERATIONS	
BD AGDE	1	GLOVER	1100	2	00110	9222	COMMANDING	OFF
BD AGF	1	VALCOUR	1100	2	00110	9222	COMMANDING	OFF
BF AGTR	2	GEORGETOWN	1100	2	00100	9222	COMMANDING	
BF AGTR	4	BELMONT	1100	2	00100	9222	COMMANDING	
BF AGTR	5	LIBERTY	1100	2	00100	9222	COMMANDING	
BF AGS	30	SAN PABLO	1100	2	00100	9222	COMMANDING	
BF AK	259	ALCOR	1100	2	00100	9222	COMMANDING	
BF AK	260	BETELGEUSE	1100	2	00100	9222	COMMANDING	
BF ARC	3	AEOLUS	1100	2	00110	9222	COMMANDING	
BF ARC	4	THOR	1100	2	00110	9222	COMMANDING	
BG AGTR	1	OXFORD	1100	2	00100	9222	COMMANDING	
BG AGTR	3	JAMESTOWN	1100	2	00100	9222	COMMANDING	
BG ARC	2	NEPTUNE	1100	2	00110	9222	COMMANDING	
BG ARG	4	TUTUILA	1100	2	00100	9222	COMMANDING	
BH LSD	1	ASHLAND	1100	2	00100	9222	COMMANDING	
BH LSD	6	LINDENWALD	1100	2	00100	9222	COMMANDING	
BH LSD	13	CASA GRANDE	1100	2	00100	9222	COMMANDING	
BH LSD	14	RUSHMORE	1100	2	00100	9222	COMMANDING	
BH LSD	15	SHADWELL	1100	2	00100	9222	COMMANDING	
BH LSD	20	DONNER	1100	2	00100	9222	COMMANDING	
BH LSD	21	FORT MANDAN	1100	2	00100	9222	COMMANDING	
BH LSD	25	SAN MARCOS	1100	2	00100	9222	COMMANDING	
BI LSD	2	BELLE GROVE	1100	2	00100	9222	COMMANDING	
BI LSD	3	CARTER HALL	1100	2	00100	9222	COMMANDING	

BI LSD	5	GUNTON HALL	1100	2	00100	9222	COMMANDING
BI LSD	7	OAK HILL	1100	2	00100	9222	COMMANDING
BI LSD	16	CABILDO	1100	2	00100	9222	COMMANDING
BI LSD	17	CATAMOUNT	1100	2	00100	9222	COMMANDING
BI LSD	18	COLONIAL	1100	2	00100	9222	COMMANDING
BI LSD	19	COMSTOCK	1100	2	00100	9222	COMMANDING
BI LSD	22	FORT MARION	1100	2	00100	9222	COMMANDING
BI LSD	26	TORTUGA	1100	2	00100	9222	COMMANDING
BI LSD	27	WHETSTONE	1100	2	00100	9222	COMMANDING
EA CTF 43		COMNAVSUPFORANTARC	1100	2	01450	9071	SHIP OPERATIONS
FG HCU	1		1100	2	70100	9222	COMMANDING
FK NAVBEACH GR 2			1100	2	00210	9015	CHIEF STAFF
FK ASSAULT CRAFT UNIT 2			1100	2	00100	9394	COMMANDING
FL BEACHJUMPER UNIT 1			1100	2	00110	9405	COMMANDING
FL NAVBEACH GR 1			1100	2	00210	9015	CHIEF STAFF
GC MSTSO VN			1100	2	01200	9405	OPERATIONS OFF
GH COMNAVFORVN			1100	2	01400	9960	FORCE INSPECTOR
GH COMNAVFORVN			1100	2	03000	2610	MANAGEMENT CEN OFF
GH COMNAVFORVN			1100	2	09815	9065	SUR OPERATIONS OFF
GH COMNAVFORVN			1100	2	10310	9067	READINESS TRAINING
GH COMNAVFORVN			1100	2	30200	9065	CHIEF STAFF OFF
GH COMCOSRON 1			1100	2	00100	9098	COMMANDER
GH COMRIVRON 5			1100	2	00200	9098	COMMANDER
GH COMRIVRON 9			1100	2	50100	9098	COMMANDER
GH COMRIVRON 11			1100	2	50100	9098	COMMANDER
GH COMRIVFLT			1100	2	01000	9065	CPS/PLANS OFF
GH COMRIVFLT			1100	2	01600	9063	LOG OFF
GL US ADVISORYGRP USMACV			1100	2	01300	9065	SUR CPS OFF
GL US ADVISORYGRP USMACV			1100	2	01410	9087	PLANS OFF
GL US ADVISORYGRP USMACV			1100	2	01600	9007	MAP PLANS/PROG OFF
GL US ADVISORYGRP USMACV			1100	2	01715	9065	ASST SR ADV UNN HQ
GL US ADVISORYGRP USMACV			1100	2	02510	9065	SR SEA FOR ADV
GL US ADVISORYGRP USMACV			1100	2	03210	9065	COASTAL ZONE ADV
GL US ADVISORYGRP USMACV			1100	2	03310	9065	COASTAL ZONE ADV
GL US ADVISORYGRP USMACV			1100	2	03350	9065	CSC OFF QUI NHON
GL US ADVISORYGRP USMACV			1100	2	05520	9062	FOURTH RIVERINE ARE
GL US ADVISORYGRP USMACV			1100	2	03610	9065	COASTAL ZONE ADV
GL US ADVISORYGRP USMACV			1100	2	03800	9065	RUNG SAT SPEC
GL COMUSMACV			1100	2	00220	2415	HISTORIAN
GL COMUSMACV			1100	2	01120	9040	CH SPEC RSCH SEC
GL COMUSMACV			1100	2	01210	9040	PLANS OFF
GL COMUSMACV			1100	2	01310	9040	DEP CH MENT DIV
GL COMUSMACV			1100	2	01410	9065	CPS STAFF OFF
GL COMUSMACV			1100	2	01420	9065	CPS STAFF OFF
GL COMUSMACV			1100	2	01440	9065	CPS STAFF OFF
GL COMUSMACV			1100	2	01450	9065	CPS STAFF OFF
GL COMUSMACV			1100	2	01460	9065	CPS ANALYST
GL COMUSMACV			1100	2	01480	9065	CPS STAFF OFF NAVAL
GL COMUSMACV			1100	2	01490	9065	CPS STAFF OFF
GL COMUSMACV			1100	2	01620	9067	PLANS OFF
GL COMUSMACV			1100	2	01670	1272	TRANS REPTS OFF
GL COMUSMACV			1100	2	01680	1272	TRANS REPTS OFF
GL COMUSMACV			1100	2	01810	9007	PLANS OFF
GL COMUSMACV			1100	2	01820	9007	PLANS OFF

GL COMUSMACV	1100	2	01820	9057	PLANS OFF
GL COMUSMACV	1100	2	01830	9087	PLANS OFF
GL COMUSMACV	1100	2	02010	9590	EXEC OFF
GL COMUSMACV	1100	2	20100	9065	EXEC OFF
GL COMUSMACV	1100	2	85010	9065	PLANS OFF
GL COMUSMACV	1100	2	85110	2215	PROJ OFF
GL COMUSMACV	1100	2	85210	9087	NAVY PROG MGR
GL COMCOSURFOR	1100	2	20200	9015	CHIEF STAFF OFF
GL SCG USMACV	1100	2	80410	9065	CH MARITIME OPNS
GL SCG USMACV	1100	2	80710	9421	COMMANDER MOG
GM NSA SAIGON	1100	2	00200	9435	CHIEF STAFF OFF
GM NSA SAIGON	1100	2	02100	9065	OPERATIONS OFF
GM NSA DANANG	1100	2	04800	9455	OPERATIONS OFF
GM NSA DANANG	1100	2	05000	9087	PLANS OFF
GM SUPFAC CRANBAY	1100	2	00100	9420	COMMANDING
HA COM SIXTHFLT	1100	2	03310	9065	SURF WF/ASW
HA COM SIXTHFLT	1100	2	03350	9040	ASW/FADAP
HA COM SIXTHFLT	1100	2	03410	9053	MATL REAC/NAV
HA COM SIXTHFLT	1100	2	04310	9051	LOGISTICS
HA COM SIXTHFLT	1100	2	05310	9590	COMM
HA COM SECONDFLT	1100	2	03510	9065	AST OPS) REDT
HA COM SECONDFLT	1100	2	05210	9051	AST LOG) MATL
HA COM SECONDFLT	1100	2	06110	9590	ACOS COMM
HA COM SECONDFLT	1100	2	07210	9038	AST PROJ DIR
HB COM FIRSTFLT	1100	2	01950	9065	SURF WARF
HB COM FIRSTFLT	1100	2	02050	9040	SURF+UNDERSEA OPS
HB COM FIRSTFLT	1100	2	02900	9590	COMM
HB COM SEVENTHFLT	1100	2	02110	9340	INTEL
HB COM SEVENTHFLT	1100	2	03310	9065	SURF WARF
HB COM SEVENTHFLT	1100	2	04110	9040	ASW
HB COM SEVENTHFLT	1100	2	04410	9062	AMPHIB WARF
HB COM SEVENTHFLT	1100	2	05210	9037	CURRENT PLANS
HB COM SEVENTHFLT	1100	2	06110	9590	COMM
HC COMCARDIV 2	1100	2	14500	9069	SURF OPS
HC COMCARDIV 4	1100	2	14500	9069	SURF OPS+GUN
HC COMCARDIV 6	1100	2	14500	9069	SURF OPS+GUN
HD COMCARDIV 1	1100	2	02400	9071	SURF OPS
HD COMCARDIV 3	1100	2	02400	9071	SURF OPS
HD COMCARDIV 7	1100	2	02400	9071	SURF OPS
HD COMCARDIV 9	1100	2	02400	9071	SURF OPS
HE COMCARDIV 14	1100	2	14500	9065	AST OPS+SURF
HE COMCARDIV 14	1100	2	17500	9065	PLANS
HE COMCARDIV 16	1100	2	20500	9073	ASW PROG SURF+SUB
HE COMCARDIV 16	1100	2	21100	9035	ASW PROG OPS ANAL
HE COMCARDIV 20	1100	2	14500	9065	AST OPS+SURF
HE COMCARDIV 20	1100	2	17500	9065	PLANS
HF ASW GROUP 1	1100	2	02300	9071	SURF OPS
HF ASW GROUP 3	1100	2	02300	9071	SURF OPS
HF ASW GROUP 5	1100	2	02300	9071	SURF OPS
HG COM MIDDLE EAST FORCE	1100	2	01000	9065	OPS) PLANS
HH COMCRUCESFLOT 2	1100	2	00500	9065	OPS+PLANS
HH COMCRUCESFLOT 6	1100	2	00500	9065	OPS+PLANS
HH COMCRUCESFLOT 8	1100	2	00500	9065	OPS+PLANS
HH COMCRUCESFLOT 10	1100	2	00500	9065	OPS+PLANS
HH COMCRUCESFLOT 12	1100	2	00500	9065	OPS+PLANS

HU COMPHIBRON 11	1100	2	01210	9085	OPS+PLANS
HU COMLANSHIPRON 1	1100	2	00110	9098	COMMANDER
HU COMLANSHIPRON 3	1100	2	00110	9093	COMMANDER
HU COMLANSHIPRON 9	1100	2	00110	9098	COMMANDER
HU COMLSTDIV 92	1100	2	00110	9094	COMMANDER
HU COMLSTRON 2	1100	2	70100	9093	COMMANDER
HU COMPHIEGR 1	1100	2	02100	9040	ACOS INTEL
HU COMPHIEGR 1	1100	2	03000	9087	PLANS
HU COMPHIEGR 1	1100	2	03400	9062	CPS
HU COMPHIEGR 1	1100	2	03600	9067	READ+NUCWPS
HU COMPHIEGR 1	1100	2	05100	9590	ACOS COMM
HU COMPHIEGR 3	1100	2	02100	9040	ACOS INTEL
HU COMPHIEGR 3	1100	2	03200	9087	PLANS
HU COMPHIEGR 3	1100	2	03400	9062	CPS
HU COMPHIEGR 3	1100	2	03600	9067	READ+NUCWPS
HU COMPHIEGR 3	1100	2	05100	9590	ACOS COMM
HX NMCS AFLOAT	1100	2	90950	9289	OPS STAFF OFF
JB COMASWFORLANT	1100	2	00410	9086	STUDIES/PRESENTATIO
JB COMASWFORLANT	1100	2	03310	9045	COMMAND OPCON
JB COMASWFORLANT	1100	2	05410	9076	SURFTACT/DOC
JB COMASWFORLANT	1100	2	05610	9069	MINE TACT/DOC) WEP
JB COMASWFORLANT	1100	2	06510	9044	NCSS+PLANS
JB COMASWFORLANT	1100	2	06710	9085	STRATEGIC STUDIES
JB COMASWFORLANT	1100	2	07110	9590	ACOS COMM
JB COMASWFORLANT	1100	2	08210	9085	AST ANALYST
JB CINCLANTFLT	1100	2	10200	9076	ASW/USW
JB CINCLANTFLT	1100	2	10900	9078	PHIB/MINE/SURF
JB CINCLANTFLT	1100	2	11300	9069	NUC WAR
JB CINCLANTFLT	1100	2	20900	9065	FLT EKER PLAN
JB CINCLANTFLT	1100	2	21900	9065	CURR OPS
JB CINCLANTFL RESORS MGMT DIV	1100	2	41500	9051	MGMT/NS/DEGASTA/MAR
JC COMNAVAIRPAC	1100	2	07200	9067	SHIPS TRNG
JD MANSPOFTRECOVFORLNT CTF140	1100	2	01100	9087	PLANS
JD CONTRALANT	1100	2	03200	9065	CURR OPS
JD CONTRALANT	1100	2	04100	9051	LOGISTICS
JD CONTRAPAC	1100	2	03600	3290	OPNS) AFLOAT TRNG
JD CONTRAPAC	1100	2	06800	9051	LOGISTICS
JE CINCLANT	1100	2	06002	9059	AST USLO SACLANT
JE CINCLANT	1100	2	13001	9911	COND) CONTROL OFF
JE CINCLANT	1100	2	16091	9570	ICMS/ADP OPS) SYS
JE CINCLANT	1100	2	17001	9670	INTEL PL) PCL
JE CINCLANT	1100	2	25001	9011	HD RPTS/DATA BR
JE CINCLANT	1100	2	27005	9065	AST FOR NAVY OPS
JE CINCLANT	1100	2	27015	9065	READINESS OFF
JE CINCLANT	1100	2	27016	9065	EMERGENCY ACTION
JE CINCLANT	1100	2	27019	9067	JNT NUC WARE OPS
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	27021	9473	COND POST WATCH OFF
JE CINCLANT	1100	2	31032	6942	NUC WENS LOG OFF
JE CINCLANT	1100	2	37003	9086	AST STRAT POL PLAN
JE CINCLANT	1100	2	37004	9086	AST STRAT POL PLAN
JE CINCLANT	1100	2	37005	9086	AST STRAT POL PLAN

JF COMCRUDESAC	1100	2	03110	9065	OPNS+AST PLANS
JF COMCRUDESAC	1100	2	03230	9067	AST TRNG+READ
JF COMCRUDESAC	1100	2	03300	9067	AST READ+TRNG
JF COMCRUDESAC	1100	2	03400	9076	ASW
JF COMCRUDESAC	1100	2	04050	9223	REDOPS REPTS
JF COMCRUDESAC	1100	2	04300	9065	OPS
JF COMCRUDESAC RESORS MGMT	1100	2	00100	2610	MGMT ANAL
JF COMCRUDESAC FLOT 4	1100	2	00500	9065	CPS+PLANS
JF COMDESDEVGR 2	1100	2	00200	9015	CHIEF STAFF
JF COMDESDEVGR 2	1100	2	00300	5900	R) D
JG COMINLANT	1100	2	01900	9065	ACOS OPS
JG COMINLANT	1100	2	02700	9065	PLANS
JG COMINLANT	1100	2	03400	9064	MINW WARF
JG COMINPAC	1100	2	00420	9065	OPS
JG COMINPAC	1100	2	00460	9087	PLANS
JG COMINPAC	1100	2	00530	9064	MINE COUNTERMEASURES
JH COMSERVLANT	1100	2	06600	9065	OPS
JH COMSERVGRP/RON 1	1100	2	01110	9065	OPS+READINESS
JH COMSERVGRP/RON 8	1100	2	00600	9065	CPS
JJ COMPHILANT	1100	2	03000	9065	CPS
JJ COMPHILANT	1100	2	03100	9065	AST OPS
JJ COMPHILANT	1100	2	04100	9065	CPS PLANS
JJ COMPHILANT	1100	2	04300	9065	CONT) WAR PLANS
JJ COMPHILANT	1100	2	04900	9078	NBC MINE WARF
JJ COMPHIBPAC	1100	2	03100	9087	AST FORCE PLANNING
JJ COMPHIBPAC	1100	2	03120	9065	AMPHIB WARF DOCT
JJ COMPHIBPAC	1100	2	03122	9067	EX PLANS+ANAL
JJ COMPHIBPAC	1100	2	03150	9087	CONT) WAR PLANS
JJ COMPHIBPAC	1100	2	03400	9065	FORCE OPS
JJ COMPHIBPAC	1100	2	03900	9078	AMPHIB READ) TACT
JJ COMPHIBPAC	1100	2	07310	9590	ACOS COMM
JJ COMPHIBPAC	1100	2	70200	9293	UNCONV WARF OFF
JJ COMPHIBPAC RMS	1100	2	09000	1050	RM COORD/COMPT
JJ NAVDESURGRULANT	1100	2	00200	9294	CHIEF STAFF OFF
JJ NAVSPECHARGRPAC WPAC DET	1100	2	00200	9015	CHIEF STAFF OFF
JK COMSTS	1100	2	11850	3275	LIA OFF TO OJCS
JK COMSTS	1100	2	11900	9087	DIR PROJ DIV
JK COMSTS	1100	2	12100	9087	DIR LOG WAR PLNSO IV
JK COMSTS	1100	2	12300	9911	DIR
JK MSTSO PT CANAVERAL	1100	2	00200	9421	COMMANDING
JK MSTSO LBEACH	1100	2	00120	9421	COMMANDING
JK MSTSO HAMPTON RDS	1100	2	00150	9421	COMMANDING
JK MSTSO HOUSTON	1100	2	00110	9421	COMMANDING
JK CONSTSLANT	1100	2	00500	9087	PLANS
JK CONSTSLANT	1100	2	03600	9015	DEP ACOS OPS
JK CONSTSLANT	1100	2	05100	9050	DIR SHIP OPS DIV
JK CONSTSPAC	1100	2	00500	9087	PLANS
JK CONSTSPAC	1100	2	03600	9065	CPS AST
JK CONSTSPAC	1100	2	06900	9065	DIR PROJ DIV
JK MSTSO SEATTLE	1100	2	00100	9421	COMMANDING
JP JTF 2	1100	2	06020	9065	CPS OFF
JP JTF 2	1100	2	29010	9065	CPS OFF
JP DOD COMPUTER UNST	1100	2	00200	9911	ASSOCIATE DIR
JQ NCRAD COMAD REGN SECT HQTR	1100	2	00400	9065	CPS) PLANS

JQ NORAD CONAD REGN SECT HQTR	1100	2	00600	9065	CPS) PLANS
JQ SAACLANT	1100	2	00330	2615	EXEC AST TO CHIEF
JQ SAACLANT	1100	2	00365	4011	AST TO SAACLANTREPE
JQ SAACLANT	1100	2	01100	2615	EXEC AST TO ACOS P
JQ SAACLANT	1100	2	01300	9034	DIR STAFF SECRET
JQ SAACLANT	1100	2	02200	9640	DIR CURRENT INTEL
JQ SAACLANT	1100	2	04100	9066	FOR REQ) SHIP CON
JQ SAACLANT	1100	2	04300	2615	EXEC AST TO DIR OF
JQ SAACLANT	1100	2	04500	9067	CPS) ADMIN SAACLAN
JQ SAACLANT	1100	2	05100	9040	SURF ASW EX
JQ SAACLANT	1100	2	05300	9066	MAS PROJ
JQ SAACLANT	1100	2	05504	9066	DIR OPS RESEARCH A
JQ CINC US STRIKE COMMAND	1100	2	08062	2310	MAP CHART GECD OFF
JQ CINC US STRIKE COMMAND	1100	2	09025	0965	SPECCP OFF/EURASIA
JQ CINC US STRIKE COMMAND	1100	2	09036	9065	CH TEST* TRAIN BR
JQ CINC US STRIKE COMMAND	1100	2	11012	9087	PLANS/EUR NE PLANS
JQ CINC US STRIKE COMMAND	1100	2	11029	9087	PLANS/AF-SS CARIB
JQ CINC US STRIKE COMMAND	1100	2	11050	9293	PLANS/POLICY PROG
JQ CINC US STRIKE COMMAND	1100	2	12012	9064	ELTR SYS OFF
JQ CINC US STRIKE COMMAND	1100	2	12030	9515	COMM PLANS OFF
JQ CINC US STRIKE COMMAND	1100	2	12035	9515	COMM PLANS OFF
JQ CINC US STRIKE COMMAND	1100	2	13019	9065	CH PLANS BR
JQ CINC US STRIKE COMMAND	1100	2	13037	9065	CP+PLANOFF MESA BR
JQ CINCWESTLANT	1100	2	00400	9065	NATO OPS PLANS + CO
JQ CINCWESTLANT	1100	2	00500	9051	LOGS OBJ PLAN
JQ CINCWESTLANT	1100	2	00700	9044	WESTLANT PLANS/SHIP
JQ CINCWESTLANT	1100	2	00600	9065	AST WESTLANT PLANS
JQ HQCONAD	1100	2	10350	9216	AST COMD DIR
JQ HQCONAD	1100	2	12120	9590	SYS MONITOR OFF
JQ HQCONAD	1100	2	19070	9640	CHIEF DATA HANDLING
JQ HQCONAD	1100	2	20033	9259	CHIEF NAVAL + EW D
JQ HQCONAD	1100	2	22780	9065	SURV OPNS OFF
JQ HQCONAD	1100	2	34060	9590	WARNING COMM SYS OF
JQ HQCONAD	1100	2	36020	9590	COMM POLICY OFF
JQ COMSTRIKEFLTLANT	1100	2	00410	9065	AST NATO OP PLAN
JR COMKEYWESTFOR	1100	2	03200	9065	SURFACE OPS
JR COMKEYWESTFOR	1100	2	03700	9007	PLANS
JR COMEASTERNSEAFRON	1100	2	03400	9065	CPS
JR COMEASTERNSEAFRON	1100	2	05620	9066	PLANS/WAR PLANS
JR COMWESTERNSEAFRON	1100	2	06910	1984	PLANS + PROGRAMS
JR COMWESTERNSEAFRON	1100	2	13310	9590	ACOS COMM
JS HQTRS 1ST NAVDIST	1100	2	01010	9065	DIST PLANNING
JS HQTRS 9 NAVDIST	1100	2	13305	9466	DIST OPS
JS HQTRS 3 NAVDIST	1100	2	18201	9007	DIST PLANNING
JS HQTRS 3 NAVDIST	1100	2	13100	9466	DIST OPS
JS HQTRS 5 NAVDIST	1100	2	01095	9065	DIST PLANNING
JS HQTRS 4 NAVDIST	1100	2	07110	9037	PLANS
JS HQTRS 11 NAVDIST	1100	2	06630	9065	DIST PLANS
JS HQTRS 12 NAVDIST	1100	2	01210	9065	PLANS
JS HQTRS 13 NAVDIST	1100	2	03970	9065	DIST PLANS OFF
JS NAVDIST WASHINGTON DC	1100	2	03740	9007	PLANS OFFICER
JU COMNAVRESTRACOM	1100	2	01300	9065	AST FOR OPS
JU NAVPERSOEN OMAHA	1100	2	00110	9421	COMMANDING
LA COMASWFORPAC	1100	2	02710	9000	SHIPPING CONTROL
LA COMASWFORPAC	1100	2	03200	9040	ASW SHIP TACT/NAVY

LA COMASWFORPAC	1100	2	03300	9040	EVALUATIONS CTF
LA COMASWFORPAC	1100	2	05200	9065	ASW PLANS DEVELOPME
LA CINCPACFLT	1100	2	00213	9412	FLT ADMIN/ISLAND GOV
LA CINCPACFLT	1100	2	00810	9640	CH RECON + INDIC
LA CINCPACFLT	1100	2	01100	9067	MATL SUPPORT + READ
LA CINCPACFLT	1100	2	01213	9067	CRD READ + SUPPORT
LA CINCPACFLT	1100	2	01250	9067	PERS READ + TRNG
LA CINCPACFLT	1100	2	01350	9065	ASW + UNDERSEA WARF
LA CINCPACFLT	1100	2	01410	9065	ASSAULT FORCES
LA CINCPACFLT	1100	2	01413	9065	AST ASSAULT FOR
LA CINCPACFLT	1100	2	01500	9065	SHIP OPS
LA CINCPACFLT	1100	2	01520	9065	AST OPS MAJ WARSHIPS
LA CINCPACFLT	1100	2	01526	9067	AST SHIP OPS-SERVFOR
LA CINCPACFLT	1100	2	01560	9065	OPS CONTROL
LA CINCPACFLT	1100	2	02040	9051	AST LOG PLANS
LA CINCPACFLT	1100	2	02140	6942	AST LOG READ
LA CINCPACFLT	1100	2	02150	6716	AST LOG READ
LA CINCPACFLT	1100	2	02433	9590	COMM LIA OFF-DSC
LA CINCPACFLT	1100	2	02460	5996	HD COMM
LA CINCPACFLT	1100	2	02500	9590	HD PLANS + OPS
LA CINCPACFLT	1100	2	03050	9065	AST STRAT PLNS-FLTFC
LA CINCPACFLT	1100	2	03060	9065	AST INT POL
LA CINCPACFLT	1100	2	03066	9087	AST COMD REL
LA CINCPACFLT	1100	2	03085	9087	AST FUT STRAT-BASE R
LA CINCPACFLT	1100	2	03100	9065	AST GEN WF PLN-CUR C
LA CINCPACFLT	1100	2	03140	9065	HD FOR MIL ASSIST
LA CINCPACFLT	1100	2	04300	9960	HEAD ANAL BR
LA CINCPACFLT	1100	2	07020	2628	AST DIR CMD/CONT/ADP
LB COMFAIRMED	1100	2	06000	9065	AST PLANS SURF
LC COMSOLANT	1100	2	01810	9065	OPS
LD COMDESFLOT 5	1100	2	00300	9015	CHIEF STAF
LD COMCRUDES PAC LOGREPWESPAC	1100	2	00100	9051	L EP
LE COMINFLOT 1	1100	2	002	9015	CHIEF STAFF/OPS
LF COMSERVPAC	1100	2	04810	9065	AST FOR OPS/READ
LF COMSERVPAC	1100	2	04910	9065	CURRENT OPS
LF COMSERVPAC	1100	2	06110	9590	FORCE COMM
LF COMST AC RMS	1100	2	20000	9051	PLANS) PROJ COORD
COMLANDSHIPFLOT 1	1100	2	00200	9015	CHIEF STAFF OFF
LG COMSTSELM	1100	2	01900	9065	ACOS OPS
LG MSTSO BALBOA	1100	2	00100	9421	COMMANDING
LG MSTSO BALBOA	1100	2	00100	9421	COMMANDING
LG MSTSO SAN JUAN	1100	2	00110	9421	COMMANDING
LG MSTSO MANILA	1100	2	00100	9421	COMMANDING
LG MSTSO ANCHORAGE	1100	2	00110	9421	COMMANDING
LJ NATO MIL COMMITTEE	1100	2	17200	9034	ADMIN AST TO US REP
LJ NATO MIL COMMITTEE	1100	2	17300	9034	AST EX OFF US DEL
LJ NATO MIL COMMITTEE	1100	2	17740	2050	DEP AST DIR ADMIN
LK ALLIED FOR MED AIR COMDS	1100	2	00110	9065	COMEDOC STAFF OFF
LK ALLIED FOR MED AIR COMDS	1100	2	00210	9065	COMEDOC STAFF OFF
LK COMNAVSBALTAP	1100	2	00600	9051	ACOS LOG
LK COMIBERLANT	1100	2	00200	9051	LOG PLANS OFF
LK US SOUTHCOM	1100	2	33050	9065	CH EMERG ACT OFF
LK US SOUTHCOM	1100	2	33090	9065	OPS
LK US SOUTHCOM	1100	2	33030	9065	OPS

LK US SOUTHCOM	1100	2	42040	9087	CONTING PL OFF
LK US SOUTHCOM	1100	2	45030	9315	PLANS OFF
LK US SOUTHCOM	1100	2	52040	9942	MIL AST PLAN OFF
LK CINCEASTLANT	1100	2	00210	9031	LOG STAFF
LK CINCEASTLANT	1100	2	00310	9340	INTEL STAFF
LK CINCUSNAVEUR/COM EASTLANT	1100	2	10200	9065	EASTLANT OPS) NCS
LK CINCUSNAVEUR/COM EASTLANT	1100	2	30500	9315	COMM OPS PLANS) RE
LK CINCUSNAVEUR/COM EASTLANT	1100	2	31900	9064	AST GEN PLANS+MINE
LK CINCUSNAVEUR/COM EASTLANT	1100	2	32000	9040	AST GEN PLANS+ASW
LK COMUSFOR JAPAN	1100	2	07006	9065	PLANS+OPS COORD
LK COMUSFOR JAPAN	1100	2	10002	9315	COMM PLANS+POL
LK CINCUNC/COMUSK	1100	2	01000	3085	CH P9+L1
LK CINCUNC/COMUSK	1100	2	02100	9026	PLANS) POL
LK CINCUNC/COMUSK	1100	2	03500	9390	CH P22+L1
LK SUPPOPER TASK FOR EUROPE	1100	2	00800	9065	OPS STAFF
LK COMSTRIKEFOR SOUTH	1100	2	02800	9620	CH DISSTAFF) INTEL
LK CINCNORTH	1100	2	00400	9087	BR CH
LK CINCNORTH	1100	2	00700	9087	WAR PLANS BR
LK CINCSOUTH	1100	2	00210	9021	SENIOR AIDE CG+2
LK CINCSOUTH	1100	2	02040	9436	PLANS OFF
LK ICELAND DEFOR	1100	2	00700	3935	AST CH OF STAFF
LK ICELAND DEFOR	1100	2	00900	9370	AST CH OF STAFF
LK ICELAND DEFOR	1100	2	04500	2775	PROVOST MARSHAL
LK US TAIWAN DEF COMD	1100	2	27040	9065	PLANS OFF
LK US TAIWAN DEF COMD	1100	2	28010	9065	CH OPS SEC
LK SACEUR	1100	2	00550	9065	STAFF OFF GRD ENV
LK SACEUR	1100	2	00310	9067	CH PROG SEC
LK SACEUR	1100	2	00840	9065	CH OPS CONT SEC
LK USMACTHAI	1100	2	04102	9031	LOG STAFF OFF
LK USMILLIQUIDSEC FRANCE	1100	2	01000	9942	INT REL OFF
LK USMILLIQUIDSEC FRANCE	1100	2	02000	9051	STAFF OFF
LK HQ USEUCOM	1100	2	32003	3085	STAFF PERS OFF
LK HQ USEUCOM	1100	2	37005	9370	AST EXEC OFF
LK HQ USEUCOM	1100	2	39202	9340	OPS INTEL OFF
LK HQ USEUCOM	1100	2	41403	2355	HYDROGRAPHER
LK HQ USEUCOM	1100	2	42101	2628	DP SYS ADMIN OFF
LK HQ USEUCOM	1100	2	57402	2610	MGMT CONTROL OFF
LK HQ USEUCOM	1100	2	60004	2615	EXECUTIVE OFF
LK HQ USEUCOM	1100	2	61206	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1100	2	71104	9942	INTEL AFF OFF
LK HQ USEUCOM	1100	2	72203	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1100	2	73104	9907	ATOM P/P WEP OFF
LK HQ USEUCOM	1100	2	73204	9907	ATOM P/P WEP OFF
LK HQ USEUCOM	1100	2	76005	9315	COMM PLANS OFF
LK HQ USEUCOM	1100	2	77101	9390	STF COMM OFF
LK HQ USEUCOM	1100	2	89102	9065	STF COMS PLANS OFF
LK HQ USEUCOM	1100	2	90103	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1100	2	91103	9087	STF PLANS OFF
LK HQ ALLIED NAVFORSOEUR	1100	2	10200	9035	STAFF OFF EXERC
LK HQ ALLIED NAVFORSOEUR	1100	2	30200	9390	CH COMM PLANS SEC
LK HQ ALLIED NAVFORSOEUR	1100	2	35300	9040	CH STAFF OF 13
LK CINCALASKA	1100	2	05022	9034	CH UNIFIED ACT BRN
LK CINCALASKA	1100	2	09022	9310	STF COMM OFF ASHORE
LK CINCPAC	1100	2	04002	9034	EXEC AST
LK CINCPAC	1100	2	05002	2615	EXEC AST

LK C INCPAC	1100	2	16001	3975	CH/HD NAVY SEC
LK C INCPAC	1100	2	12002	3975	CH PL) POLICY BR
LK C INCPAC	1100	2	15003	9640	EXEC ASST
LK C INCPAC	1100	2	16008	9640	ASST
LK C INCPAC	1100	2	16009	9913	AST IDHS
LK C INCPAC	1100	2	17002	9640	ASST CHIEF
LK C INCPAC	1100	2	20103	9065	AST NAUT CHAR AERO
LK C INCPAC	1100	2	23105	2245	NAV SPEC OPS
LK C INCPAC	1100	2	23136	9051	HD LOG PLANS SEC
LK C INCPAC	1100	2	24111	9065	OPNS OFF NAVY SURF
LK C INCPAC	1100	2	24117	9055	OPNS OFF NAVY SURF
LK C INCPAC	1100	2	24118	9055	OPNS OFF NAVY SURV
LK C INCPAC	1100	2	28107	9055	AST NAVAL OPNS OFF
LK C INCPAC	1100	2	28108	9065	AST NAVAL OPNS OFF
LK C INCPAC	1100	2	32138	9466	HD WAR ROOM SUP SE
LK C INCPAC	1100	2	34012	9051	LOG PLANS OFF
LK C INCPAC	1100	2	34012	9051	LOG PLANS OFF
LK C INCPAC	1100	2	34012	9051	LOG PLANS OFF
LK C INCPAC	1100	2	34021	1272	LOG SYST ANAL
LK C INCPAC	1100	2	39023	1272	TRANS OFF BR OFFERU
LK C INCPAC	1100	2	39107	9051	KUNITONS STF OFF
LK C INCPAC	1100	2	39206	1272	TRANS PLANS OFF
LK C INCPAC	1100	2	39208	1272	TRANS OPNS OFF
LK C INCPAC	1100	2	40003	9065	EXEC AST
LK C INCPAC	1100	2	41008	9087	ASST
LK C INCPAC	1100	2	41026	9087	ASST
LK C INCPAC	1100	2	41028	9462	ASST
LK C INCPAC	1100	2	41036	9087	ASST PROGRAMS
LK C INCPAC	1100	2	41043	9087	AST FOR SEATO
LK C INCPAC	1100	2	42009	9065	ASST POLICY SECT
LK C INCPAC	1100	2	42015	9065	ASST SEA
LK C INCPAC	1100	2	42002	9065	ASST
LK C INCPAC	1100	2	43005	9515	AST SW PAC REQ
LK C INCPAC	1100	2	42007	9640	AST CH PAC COM SYS
LK C INCPAC	1100	2	50025	9046	EW OFF
LK PERMSEATOMILPLANSTAFF	1100	2	00200	9670	FLANNER INTEL DIV
LK PERMSEATOMILPLANSTAFF	1100	2	02040	9590	FLANNER CHE DIV
LK PERMSEATOMILPLANSTAFF	1100	2	02020	9913	HD REGRNT SECT
LK PERMSEATOMILPLANSTAFF	1100	2	03020	9913	CH SYST SUPRT KUNI
LL SACLANT ASW RESCEN ITALY	1100	2	00100	7959	NAVAL ADVISOR
LL COMUSNAVSO/COM 15	1100	2	01510	9466	OPERATIONS
LL COMUSNAVSO/COM 15	1100	2	02810	9051	LOGISTICS PLANS
LL COMUSNAVSO/COM 15	1100	2	04010	9065	WAR PLANS
LL COMNAVEFOR JAPAN	1100	2	31100	9065	PLANS
LL COMNAVEFOR JAPAN	1100	2	31400	9065	OPERATIONS
LL COMNAVEFOR JAPAN	1100	2	01300	9051	AST LOG PLANS/MAIN
LL COMNAVEFOR JAPAN	1100	2	52000	9590	AST COMM
LL COMNAVMARIANAS	1100	2	03700	9040	FORCE SURF OPS
LL COMNAVMARIANAS	1100	2	04100	9080	FORCE PLANS
LL COMNAVMARIANAS	1100	2	07400	1284	FORCE LOG PLANS
LL COMNAVMARIANAS	1100	2	09900	9590	AST FOR COM1 + STA
LL COMNAVPHIL	1100	2	03050	9087	AST PLANS OFF
LL COMNAVPHIL	1100	2	04050	9051	AST LOGISTICS OFF
LL COMHAWAIIANSEAFRONTIER	1100	2	01300	9065	OPS PLANS OFF

LL COMHAWAIIANSEAFRONTIER	1100	2 02210	9087	PLANNING OPS+HARDE
LM ATTACHE ADEN	1100	2 04100	9635	DATT/ON LIA OFF
LM ATTACHE BELGIUM	1100	2 05110	9635	NAVAL ATTACHE BRUS
LM ATTACHE CEYLON	1100	2 15110	9635	DATT/NAV ATTACHE
LM ATTACHE COLUMBIA	1100	2 20100	9635	DATT/NA COLUMBIA
LM ATTACHE FRANCE	1100	2 29160	9635	ASST NAV ATTACHE P
LM ATTACHE ISRAEL	1100	2 43040	9635	NA TELAVIAV
LM ATTACHE JAMAICA	1100	2 46110	9635	DATT/NA
LM ATTACHE KOREA	1100	2 49010	9635	NAV ATT SECUL
LM ATTACHE MALTA	1100	2 56100	9635	DATT/NAV ATTACHE
LM ATTACHE SPAIN	1100	2 71110	9635	AST NAV ATT MADRID
LM ATTACHE UNITED KINGDOM	1100	2 85190	9635	ASST NAV ATT LONDO
LN CINCUSNAVEUREP BERL	1100	2 01200	9670	CINCUSNAVEUREP BERI
LN CINCUSNAVEUREP BREMER	1100	2 03000	9670	CINCUSNAVEUREP BREI
LQ JUSMAG/MAAG SPAIN	1100	2 16101	9065	OPS) TRNG OFF
LQ JNTMIL AIDGRPGREECE	1100	2 00210	9065	CHIEF/MAO TRNG
LQ JNTMIL AIDGRPGREECE	1100	2 00710	3290	NAV ADV RHN WAR CCL
LQ JNTMILMISSAID TURKEY	1100	2 04030	9051	LOGISTICS STF OFF
LQ JNTMILMISSAID TURKEY	1100	2 33010	7910	CHIEF/ENG PG EXPER
LQ JNTMILMISSAID TURKEY	1100	2 39010	1050	CH PLANS) PROG TN
LQ JNTMILMISSAID TURKEY	1100	2 41010	3233	SENIOR ADV ISTANBUL
LQ NAVADVGRU KOREA	1100	2 00010	9051	PLANS OFF
LQ JUSMAG PHIL	1100	2 07040	9940	AST FCR NAVY AFRS
LQ JUSMAG PHIL	1100	2 07060	7910	SHIP REPAIR) MAINT
LQ TRANSMISSION S9ARABIA	1100	2 02100	9940	CH NAVY SECT NO
LQ USMAGTHAI/JUSMAGTHAI	1100	2 10702	9015	DEPUTY
LQ USMAGTHAI/JUSMAGTHAI	1100	2 10901	9065	OPNS/TRNG OFF
LQ USMAGTHAI/JUSMAGTHAI	1100	2 17301	9051	HQS COMMANDANT
LQ USMAGTHAI/JUSMAGTHAI	1100	2 25020	9065	PLANS OFF
LQ USMAGTHAI/JUSMAGTHAI	1100	2 29010	9051	LOG STF OFF
LQ MAAG BELLUX	1100	2 02002	6520	JOINT PROJ OFF/NOTE
LQ MAAG DOMINICAN REP	1100	2 03100	9940	CHIEF P03+01
LQ MAAG REP OF CHINA	1100	2 20010	9065	CHIEF
LQ MAAG REP OF CHINA	1100	2 23020	9065	OPS STF OFF
LQ MAAG REP CHINA	1100	2 70020	9015	CHIEF OF STF
LC MAAG REP OF CHINA	1100	2 70030	9065	OPS OFF
LC MAAG REP OF CHINA	1100	2 74010	9065	CHIEF
LC MAAG ETHIOPIA	1100	2 16010	9940	CH NAVY SECT
LQ MAAG GERMANY	1100	2 02030	9087	COOP LOG OFF
LQ MAAG GERMANY	1100	2 03040	9051	LOG STF OFF
LQ MAAG GERMANY	1100	2 05020	3265	INST
LQ ARMISH MAAG IRAN	1100	2 41020	9051	AST CH NAVY SEC
LQ ARMISH MAAG IRAN	1100	2 42010	9067	CH NAVY TRNG DIV
LQ MAAG ITALY	1100	2 05030	9630	ADV OPNS
LQ MAAG JAPAN	1100	2 02010	2615	EXEC OFF
LQ PROV MAAG KOREA	1100	2 07003	3930	AST ADV FCR PLANS
LQ MAAG NORWAY	1100	2 03030	9084	OPNS) TRNG OF
LQ USMILGRP ARGENTINA	1100	2 05020	9051	OPS ADV/MAAP ADMIN)
LQ USMILGRP ARGENTINA	1100	2 05030	3270	NAV WAR CCLL ADV
LQ USMILGRP BRAZIL	1100	2 04030	9087	PLANS OFF
LQ USMILGRP BRAZIL	1100	2 06030	9233	CRD ADV/TRNG OFF
LQ USMILGRP COLOMBIA	1100	2 05020	9040	DEP CH/ASST ADV
LQ USMILGRP COLOMBIA	1100	2 05030	3270	WAR CCL ADV/MAAP CCL
US MILGRP EQUADOR	1100	2 05020	9274	ASST CHIEF
LQ USMILGRP PERU	1100	2 05020	6930	WRN SUB ADV/MAAP

LQ USMILGRP PERU	1100	2	05030	9065	CPS+TRNG ADV
LQ USMILGRP URUGUAY	1100	2	05010	9940	CHIEF NAV SECT
US MILGRP VENEZUELA	1100	2	05020	7903	ENG ADV/WRP TRNG
LQ USMILGRP VENEZUELA	1100	2	05030	3270	NAVSCH/WAR CCLL
LQ USMILGRP VENEZUELA	1100	2	05040	3215	CPNS/ASW ADV
MA CONSERVGRU/RON 3	1100	2	01350	9065	PLANS
MD NAVACTS SPAIN	1100	2	00200	9015	CH STAFF OFF
MD NAVACTS SPAIN GIBRALTAR	1100	2	40100	9059	US NAV LIAISON GIBR
MG FLEACT SASEBO	1100	2	00310	9015	CH STAFF OFF
MG FLEACT YOKOSUKA	1100	2	00220	9436	CH STAFF OFF
MG NAVACTS UK	1100	2	00400	9015	CH STAFF OFF
MN COMSTA ETHIOPIA	1100	2	00100	9421	COMMANDING OFF
MN COMSTA BALBOA CZ	1100	2	00220	9421	CO+ADJUT AC/CS COMM C
MN COMSTA KODIAK	1100	2	00110	9421	COMMANDING +C
MN COMM UNIT NAPLES	1100	2	00100	9421	COMMANDING
MN COMM UNIT LONDON	1100	2	00100	9421	COMMANDING
PB MAINT SUP UNIT ATL	1100	2	00100	7976	COMMANDING
PE PERS RESCH ACT SAN DIE	1100	2	00110	9421	COMMANDING
QD KWEST TEST + EVAL FAC	1100	2	00200	9015	CH STAFF OFF
QD NLONDON TEST + EVAL FAC	1100	2	00100	9222	COM NLON TEST +
QD COMORTEVFOR	1100	2	03700	9040	HD ASW DETECTION +
QD COMORTEVFOR	1100	2	04600	6584	HD MINE WARFARE SEC
QD COMORTEVFOR	1100	2	09500	9069	HD LONG RNG MSL WP
QD COMORTEVFOR	1100	2	10100	6232	HD SURF ORD + SUP X
QD PACELEM OPSEVALFORSTF	1100	2	12300	9065	OPERATIONS
QL NAVMISLCEN PT MUGU	1100	2	03000	6232	SURF MSL SYS PROG
QS SHIPMISYSENGSTA PT HUE	1100	2	00500	6232	HD PLANNING
QS SHIPMISYSENGSTA PT HUE	1100	2	01400	6232	HEAD TALOS
QS SHIPMISYSENGSTA PT HUE	1100	2	01600	6262	HD POINT DEFENSE
QS SHIPMISYSENGSTA PT HUE	1100	2	01800	7998	HD ENG SUPPORT
QS SHIPMISYSENGSTA PT HUE	1100	2	02100	6200	HD TECHNICAL DATA
QS SHIPMISYSENGSTA PT HUE	1100	2	02200	6705	HD MAINT SUPPORT
QS SHIPMISYSENGSTA PT HUE	1100	2	02900	6232	AST TO NAV DEP JN
QS NAVWEAPONS LAB DAHLGR	1100	2	07210	2155	AST DIR FOR MIL
QS NAVWEAPONS LAB DAHLGR	1100	2	10210	2155	AST DIR FOR MIL APP
QS ORDMISLTESTFAC WSMR NMEX	1100	2	00410	6230	NAV DEP TO PLANS
QU FLDCOND DEFATONSUPPAG	1100	2	00202	2615	AST SECY TO THE STA
QU FLDCOND DEFATONSUPPAG	1100	2	03901	9296	CH TECH OPS DIV
QU FLDCOND DEFATONSUPPAG	1100	2	05501	6917	CH TECH SUPP BR
QU FLDCOND DEFATONSUPPAG	1100	2	06102	6933	TECH LIA OFF
QU FLDCOND DEFATONSUPPAG	1100	2	13301	3253	VH NAVY WEAP DIV
QU FLDCOND DEFATONSUPPAG	1100	2	16901	2615	CH NAVY PERS DIV
QU FLDCOND DEFATONSUPPAG	1100	2	28601	2071	NAVY RESCH ASSOC
QU FLDCOND DEFATONSUPPAG	1100	2	28603	2071	NAVY RESCH ASSOC
QU JOINT TASK FORCE 8	1100	2	01104	9274	CPNS OFF
SA AST SECNAV R + D	1100	2	50015	2605	SPEC AST/SURF
SB OPNAV	1100	2	03200	9980	CP 09820 ASST TO TH
SB OPNAV	1100	2	03400	9912	CP 09820 ASST FOR CI
SB OPNAV	1100	2	04500	3965	CP 09820 HD MIL PE
SB OPNAV	1100	2	04900	9242	CP 09823 HD SHORE C
SB OPNAV	1100	2	07310	2415	CP 098910 HD SHIP +
SB OPNAV	1100	2	07500	2415	CP 09899 ASST CUSAT
SB OPNAV	1100	2	07740	9085	CP 0904 HD SPEC STU
SB OPNAV	1100	2	07750	9085	CP 0904C ASST

SB OPNAV	1100	2	08130	9980	CP	90A2	HD	SPEC	BAT
SB OPNAV	1100	2	08210	9980	CP	90C2	ASST	FOR	PR
SB OPNAV	1100	2	08305	9980	CP	90D33	HD	ASW	+ S
SB OPNAV	1100	2	08315	9970	CP	90D34	HD	LOG	+ CP
SB OPNAV	1100	2	08410	9065	CP	90E21	AST	FOR	APP
SB OPNAV	1100	2	08430	7980	CP	90E22	AST	FOR	PR
SB OPNAV	1100	2	08590	5059	CP	91C1	AST	HD	
SB OPNAV	1100	2	08810	9980	CP	912B	HD	ASW	SYST
SB OPNAV	1100	2	08830	9246	CP	912C	HD	SEA	BASE
SB OPNAV	1100	2	08959	9085	CP	962F1	ENEMY	CONT	
SB OPNAV	1100	2	08975	9085	CP	964E	SURF	SHIP	WF
SB OPNAV	1100	2	08980	9085	CP	964F	SURF	SHIP	WF
SB OPNAV	1100	2	09027	9085	CP	972B	HD	SURF	SY
SB OPNAV	1100	2	09055	8950	CP	95D	AST	DIR	ASW
SB OPNAV	1100	2	09125	9980	CP	951F	AST	FOR	FISE
SB OPNAV	1100	2	09160	9980	CP	952C	AST	FOR	SPEC
SB OPNAV	1100	2	09180	9980	CP	952D	AST	FOR	LIAI
SB OPNAV	1100	2	09190	9980	CP	952E	JD	ASW	STUDY
SB OPNAV	1100	2	10055	3975	OP	10C1	AST	FOR	JCS
SB OPNAV	1100	2	10062	3975	CP	10E	AST	DIR	FO
SB OPNAV	1100	2	10070	3975	OP	10C	HD	PLANS	PR
SB OPNAV	1100	2	10080	3975	CP	10C13	PROJECTED		
SB OPNAV	1100	2	10095	3975	OP	10C3	ENL	PLANS	
SB OPNAV	1100	2	10105	3975	CP	10D	MNPWR	CONT	F
SB OPNAV	1100	2	10150	3975	OP	10F	MNPWR	TR	
SB OPNAV	1100	2	10310	3975	OP	103C	AST	PROG	
SB OPNAV	1100	2	30180	9034	CP	03B1B	AST	TO	AST
SB OPNAV	1100	2	30195	9222	OP	03D11	PROG	PLANS	
SB OPNAV	1100	2	30200	9222	OP	03D12	SPEC	STD	
SB OPNAV	1100	2	30260	7330	CP	03F22	HD	OPS	SEC
SB OPNAV	1100	2	30275	5925	OP	03R1	AST	HD	
SB OPNAV	1100	2	30580	9065	OP	301D	HD	SHIP	FORC
SB OPNAV	1100	2	30740	9051	OP	302B1	AST	FOR	PR
SB OPNAV	1100	2	30930	9067	OP	305J	HD	JT	S ALLI
SB OPNAV	1100	2	32430	9040	OP	321C	HD	FIXED	SY
SB OPNAV	1100	2	32690	9075	OP	322C1	AST		
SB OPNAV	1100	2	32755	9075	CP	322D2	AST	SUR	WE
SB OPNAV	1100	2	32870	9064	CP	323D	HD	MIN	CI SE
SB OPNAV	1100	2	33230	9067	OP	332C3	CAS	DD	OPS
SB OPNAV	1100	2	33420	9065	OP	332D	AST	FOR	POLA
SB OPNAV	1100	2	33425	9206	CP	332E	AST	FOR	CONT
SB OPNAV	1100	2	33455	9065	OP	333C5	AST	TO	DUTY
SB OPNAV	1100	2	33460	9065	OP	333C6	AST	TO	DUTY
SB OPNAV	1100	2	33470	9065	CP	333C7	AST	TO	DUTY
SB OPNAV	1100	2	33503	9065	OP	333E	HD	CHO	OPS
SB OPNAV	1100	2	33720	9478	OP	333F	HD	OPS/SEC	
SB OPNAV	1100	2	33880	9044	CP	334	HD	SHIPPING	C
SB OPNAV	1100	2	34315	9073	CP	343D1	AST	FOR	PLA
SB OPNAV	1100	2	34320	9073	CP	343D2	AST	FOR	OPS
SB OPNAV	1100	2	34460	9067	OP	344C	DD	S	CA WF
SB OPNAV	1100	2	34465	9067	CP	344C1	AST	HD	
SB OPNAV	1100	2	34480	9067	CP	344D	UNDERWAY	REF	
SB OPNAV	1100	2	34510	9067	CP	344G	HD	GUN	READ
SB OPNAV	1100	2	34655	9070	CP	345C	AST	FOR	SMAL
SB OPNAV	1100	2	34700	9980	CP	345F	HD	CI	SEC

SB OPNAV	1100	2	35130	9581	CP	35D1C	AST FOR PLA
SB OPNAV	1100	2	35250	9075	CP	35D1D	HD SURVEIL
SB OPNAV	1100	2	35785	9075	CP	3532E	HD TACT SYS
SB OPNAV	1100	2	35790	9075	CP	3532F	HD TACT DATA
SB OPNAV	1100	2	35880	9981	CP	354D	HD DATA PROC
SB OPNAV	1100	2	35210	7980	CP	36E	AST FOR ELECT
SB OPNAV	1100	2	36410	7980	CP	361B	AMPHIB SHIPS
SB OPNAV	1100	2	36510	7980	CP	363	CA DD * MINCR
SB OPNAV	1100	2	36610	7980	CP	363C	CA * MINCR
SB OPNAV	1100	2	36710	7980	CP	363D	ESCORT PATRO
SB OPNAV	1100	2	40200	9051	CP	401D	HD LOG STUDI
SB OPNAV	1100	2	40271	6942	CP	401E	HD LOG REQ S
SB OPNAV	1100	2	40355	9051	CP	403	HD SPEC PLNS
SB OPNAV	1100	2	40490	1255	CP	404D	HD SEA TRANS
SB OPNAV	1100	2	40545	1255	CP	404F	HD JNT * SPE
SB OPNAV	1100	2	40640	9051	CP	405D	HD SUPP FAC
SB OPNAV	1100	2	40680	9051	CP	405E	HD JT PLNS S
SB OPNAV	1100	2	41160	9051	CP	411C	HD SHIPS SUP
SB OPNAV	1100	2	41210	6942	CP	411D	HD ORD MATL
SB OPNAV	1100	2	42160	9051	CP	422E	HD COOP LOG
SB OPNAV	1100	2	42180	9051	CP	422E1	AST HD
SB OPNAV	1100	2	43310	7931	CP	431H1	AST
SB OPNAV	1100	2	43730	7931	CP	434N	SER CRAFT
SB OPNAV	1100	2	43780	7931	CP	434P	MINE WARE
SB OPNAV	1100	2	44120	9051	CP	441D1	AST SHIP SUP
SB OPNAV	1100	2	44350	9051	CP	442E1	AST
SB OPNAV	1100	2	44400	9051	CP	442E2	AST MILCON
SB OPNAV	1100	2	44800	9051	CP	443D2	AST FOR PRO
SB OPNAV	1100	2	44910	9051	CP	445C	AST FOR PLAN
SB OPNAV	1100	2	60120	9970	CP	60C5	AAW OFF
SB OPNAV	1100	2	60275	9086	CP	601C3	SEASIA PLNS
SB OPNAV	1100	2	60325	9086	CP	601D3	CINCEUR PLA
SB OPNAV	1100	2	60365	9086	CP	601E1C	CINC COMAD
SB OPNAV	1100	2	60405	9086	CP	601E1	JSCRP/NCP GEN
SB OPNAV	1100	2	60475	9086	CP	602C1	NAT COMD MTR
SB OPNAV	1100	2	60555	9086	CP	602D1	EUR/N AFR M
SB OPNAV	1100	2	60755	9086	CP	605C4	NAV WARE ST
SB OPNAV	1100	2	60775	9086	CP	605D1	NAV GEN PUR
SB OPNAV	1100	2	60885	9086	CP	605E3C	NAV OSEAS
SB OPNAV	1100	2	61100	9942	CP	611B	AST HD
SB OPNAV	1100	2	61130	9942	CP	611C	AST
SB OPNAV	1100	2	61180	9942	CP	612B	AST HD P/FE
SB OPNAV	1100	2	61190	9942	CP	612B	AST HD PAC
SB OPNAV	1100	2	61280	9942	CP	613B	AST HD WH BR
SB OPNAV	1100	2	61480	9942	CP	615B	AST HD
SB OPNAV	1100	2	61540	9942	CP	616C	AST HD EUR
SB OPNAV	1100	2	62510	9940	CP	621	HD MAT LIAISO
SB OPNAV	1100	2	62810	9940	CP	622	HD MSN * AD
SB OPNAV	1100	2	63310	9942	CP	631E	AST FOR ME
SB OPNAV	1100	2	63350	9942	CP	631F	AST FOR EUR
SB OPNAV	1100	2	63510	3215	CP	632B	AST HD
SB OPNAV	1100	2	70460	2155	CP	701D	HD DEV REQ
SB OPNAV	1100	2	70660	9085	CP	702C	HD USV SEC
SB OPNAV	1100	2	70710	9085	CP	702G	HD OPS OPT S

SB OPNAV	1100	2	71030	2176	CP 7102	AST
SB OPNAV	1100	2	71230	6532	CP 712C	AST
SB OPNAV	1100	2	71520	2176	OP 715	HD OCEANS SUR
SB OPNAV	1100	2	72060	9950	CP 72C2	SURF WARE
SB OPNAV	1100	2	72160	5980	CP 721C	IMBR NAVCOMM
SB OPNAV	1100	2	72360	6232	CP 723E	HD RADAR * N
SB OPNAV	1100	2	72380	2148	CP 723G	HD MISS SEC
SB OPNAV	1100	2	72350	9055	CP 724C1	AST FLG COM
SB OPNAV	1100	2	72700	5917	CP 724D1	AST FOR COM
SB OPNAV	1100	2	75260	9907	CP 752C	HD WPNS SEC
SB OPNAV	1100	2	76710	6946	CP 762	HD SATEL NAV
SB OPNAV	1100	2	76800	6948	CP 764	NAVY MBR TS
SB OFFICE OF COMPTROLLER	1100	2	10140	1025	STAFF	BUDGET REVIEW
SB OFF OF INFORMATION	1100	2	25070	2412	AST	PLNS OFF
SB OFF OF LEGIS AFFAIRS	1100	2	30031	2410	AST	DIR CONG LIAISON
SB OFF OF LEGIS AFFAIRS	1100	2	30033	2410	CONG	LIAISON OFF
SB OFF OF PROG APPRAISAL	1100	2	45150	9085	AST	CH SS * 0 DIV
SB OFF OF PROG APPRAISAL	1100	2	45155	9085	AST	CH SS * 0 DIV
SB OFF OF PROG APPRAISAL	1100	2	45160	9085	AST	CH SS * 0 DIV
SC JNT STF JNT CHIEF STF WASH	1100	2	00230	9065	EXEC	AST DEPOIR C50
SC JNT STF JNT CHIEF STF WASH	1100	2	00240	9024	DEP	AST JNT MATTERS
SC JNT STF JNT CHIEF STF WASH	1100	2	00320	3975	MBR	PLNS DIV D100020
SC JNT STF JNT CHIEF STF WASH	1100	2	00340	3975	MBR	PERS BR D201050
SC JNT STF JNT CHIEF STF WASH	1100	2	00360	3975	MBR	UN/SP NO BR D3010
SC JNT STF JNT CHIEF STF WASH	1100	2	00530	9065	MBR	EME DIV E100030
SC JNT STF JNT CHIEF STF WASH	1100	2	00660	9065	STAFF	OPS OFF E40207
SC JNT STF JNT CHIEF STF WASH	1100	2	00680	9065	STAFF	OPS OFF E40310
SC JNT STF JNT CHIEF STF WASH	1100	2	00740	9065	MBR	GEN OPS DIV E500
SC JNT STF JNT CHIEF STF WASH	1100	2	01150	9051	MBR	ARMO BR F503020
SC JNT STF JNT CHIEF STF WASH	1100	2	01840	9036	MBR	TAC COMP BR F103
SC JNT STF JNT CHIEF STF WASH	1100	2	01885	9543	MBR	FU SYS BR CSC H2
SC JNT STF JNT CHIEF STF WASH	1100	2	01900	9543	MBR	FREQ BR SSD F3010
SC JNT STF JNT CHIEF STF WASH	1100	2	01920	9543	MBR	EA/ME BR P/PD BR
SC JNT STF JNT CHIEF STF WASH	1100	2	02240	9034	CH	IMPL DIV K300010
SC JNT STF JNT CHIEF STF WASH	1100	2	02250	9034	MIL	SECY J3 K600020
SC JNT STF JNT CHIEF STF WASH	1100	2	02280	9034	MIL	SECY DEL IADE K6
SC JNT STF JNT CHIEF STF WASH	1100	2	02410	9289	OPS	OFF M1040
SC JNT STF JNT CHIEF STF WASH	1100	2	02420	9289	OPS	OFF ADP M2050
SC JNT STF JNT CHIEF STF WASH	1100	2	02425	9289	OPS	OFF M003055
SC JNT STF JNT CHIEF STF WASH	1100	2	02470	9065	OPS	OFF M112020
SC JNT STF JNT CHIEF STF WASH	1100	2	02495	9065	OPS	OFF M113021
SC JNT STF JNT CHIEF STF WASH	1100	2	02500	9065	OPS	OFF M113022
SC JNT STF JNT CHIEF STF WASH	1100	2	02510	9065	OPS	OFF M113023
SC JNT STF JNT CHIEF STF WASH	1100	2	02520	9065	OPS	OFF M113024
SC JNT STF JNT CHIEF STF WASH	1100	2	02530	9065	OPS	OFF M113025
SC JNT STF JNT CHIEF STF WASH	1100	2	02530	9065	OPS	OFF M113035
SC JNT STF JNT CHIEF STF WASH	1100	2	02630	9065	OPS	OFF M220030
SC JNT STF JNT CHIEF STF WASH	1100	2	02710	9051	LOGISTICS	OFF M230020
SC JNT STF JNT CHIEF STF WASH	1100	2	03120	9086	EXEC	OFF N30
SC JNT STF JNT CHIEF STF WASH	1100	2	03215	9086	HD	PLNS BR 0101010
SC JNT STF JNT CHIEF STF WASH	1100	2	03220	9086	MBR	PLNS BR 0101040
SC JNT STF JNT CHIEF STF WASH	1100	2	03240	9086	MBR	GAMING BR 0102040
SC JNT STF JNT CHIEF STF WASH	1100	2	03275	9086	CONCEPT/DEV	0202040
SC JNT STF JNT CHIEF STF WASH	1100	2	03280	9086	ANAL/REP	0301030
SC JNT STF JNT CHIEF STF WASH	1100	2	03330	9086	PROJ	OFF P200050

SC JNT STF JNT CHIEF STF WASH	1100	2	03345	9065	PROJ OFF P400030
SC JNT STF JNT CHIEF STF WASH	1100	2	03350	9065	AST CH PW/A PE00020
SC JNT STF JNT CHIEF STF WASH	1100	2	03710	9065	SYS ANAL S102044
SC JNT STF JNT CHIEF STF WASH	1100	2	03730	9065	MR SH MIDRNG BR 32
SC JNT STF JNT CHIEF STF WASH	1100	2	03740	9065	SYS ANAL S103030
SC JNT STF JNT CHIEF STF WASH	1100	2	03770	9065	MR CURR ACT BR SEC
SC JNT STF JNT CHIEF STF WASH	1100	2	03800	9065	SYS ANAL S103040
SC JNT STF JNT CHIEF STF WASH	1100	2	03820	9065	MR STAT ANAL S4010
SC JNT STF JNT CHIEF STF WASH	1100	2	04140	9065	STAFF AST ENVIR SVC
SC DIV MIL APPLICATION OF AEC	1100	1	02110	9907	AST CHIEF FOREIGN L
SC DIV MIL APPLICATION OF AEC	1100	1	03110	9907	AST CH PRODUCTION B
SC DIV MIL APPLICATION OF AEC	1100	1	05110	2071	CH/AST CH NUCLEAR B
SC STRATANALSUPGRP SILVER SPR	1100	2	00110	9420	OINC STRATEGIC ANAL
SC OPERSTUDYGRP WASH	1100	2	00300	9085	PROJECT OFF
SC OPERSTUDYGRP WASH	1100	2	11200	9085	SYS ANAL PROJ OFF
SC OPERSTUDYGRP WASH	1100	2	12400	2155	HD ASW BR
SC OPERSTUDYGRP WASH	1100	2	12600	2155	HD COMM COMD * CONT
SC OPERSTUDYGRP WASH	1100	2	15100	9085	PROJECT OFF
SC OPERSTUDYGRP WASH	1100	2	50030	9085	PROJECT OFF
SC OFF SEC OF DEF	1100	2	03630	2190	PROJ MGR OPS ANAL * I
SC OFF SEC OF DEF	1100	2	03840	2190	PROJ MAN OPS ANAL S
SC OFF SEC OF DEF	1100	2	03990	9065	NAVY MBR SEA STU
SC OFF SEC OF DEF	1100	2	04040	9087	STF OFF SEC PLANS
SC OFF SEC OF DEF	1100	2	04060	9087	STF OFF INVEST POL
SC OFF SEC OF DEF	1100	2	04520	2013	CLD GAP WP SYS OFF
SC OFF SEC OF DEF	1100	2	04680	2060	CLD GAP OPS ANAL OFF
SC OFF SEC OF DEF	1100	2	05100	9085	MILT AST
SC OFF SEC OF DEF	1100	2	05300	9085	SYS ANAL DASD MAIL SY
SC OFF SEC OF DEF	1100	2	05400	9085	SYS ANAL
SC OFF SEC OF DEF	1100	2	07700	9942	EXEC OFF MIL AST
SC OFF SEC OF DEF	1100	2	07800	9942	CUR VR AST MGR
SC OFF SEC OF DEF	1100	2	08200	3975	EXEC FOR ACT DTY MGR
SC OFF SEC OF DEF	1100	2	08455	3981	AST DIR
SC OFF SEC OF DEF	1100	2	08460	3981	STF ANAL
SC OFF SEC OF DEF	1100	2	09800	2430	REV OFF NAVMARDV
SC OFF SEC OF DEF	1100	2	09850	2430	REV OFF NAVMARDV
SC OFF SEC OF DEF	1100	2	10150	9085	STF AST SEASIA PROG
SC OFF SEC OF DEF	1100	2	10300	9085	STF AST TACAIR
SC OFF SEC OF DEF	1100	2	10350	9085	STF AST TACAIR
SC OFF SEC OF DEF	1100	2	10450	9085	STF AST NAVPRODV
SC OFF SEC OF DEF	1100	2	10550	9085	STF AST NAVPRODV
SC OFF SEC OF DEF	1100	2	10650	9085	STF AST COM CONT # C
SC OFF SEC OF DEF	1100	2	10700	9085	STF AST COST ANAL
SC OFF SEC OF DEF	1100	2	10800	9085	STF AST
SC OFF SEC OF DEF	1100	2	13200	9965	STF AST
SC OFF SEC OF DEF	1100	2	13400	6917	STF CFE TECH DIV
SC OFF SEC OF DEF	1100	2	16300	6932	DEP DIR NAV ARM DIV
SC OFF SEC OF DEF	1100	2	20150	6604	CH NEWSFILM PROD
SD BUPERS NAVDEPT	1100	2	00962	2410	HD LIA BR CAPITAL
SD BUPERS PERS N	1100	2	19040	2623	AST FOR PLANS
SD BUPERS PERS C2	1100	2	42023	2215	HD/DEPUTY HD
SD BUPERS PERS C3	1100	2	43015	2215	HD OFF EDUCATION BR
SD INTERAMERICANDEF BD	1100	2	03060	9085	STF CMTTE MEMBER
SD INTERAMERICANDEF BD	1100	2	05050	2615	DEP SECY

SE DEF INTEL AGENCY	1100	2	10007	9615	MIL INTEL OFF
SE DEF INTEL AGENCY	1100	2	35214	9670	INTEL STF OFF
SE DEF INTEL AGENCY	1100	2	35203	9670	INTEL STF OFF
SE DEF INTEL AGENCY	1100	2	35323	9670	INTEL STF OFF
SE DEF INTEL AGENCY	1100	2	35504	9670	JFIAP OFF
SE DEF INTEL AGENCY	1100	2	35505	9670	MIL INTEL OFF
SE DEF INTEL AGENCY	1100	2	45143	9615	MIL INTEL OFF
SE DEF INTEL AGENCY	1100	2	45340	9615	CH CONT DIV
SE DEF INTEL AGENCY	1100	2	45522	9615	MIL INT OFF COMPIL
SE DEF INTEL AGENCY	1100	2	45612	9615	MIL INT OFF SPEC PR
SE DEF INTEL AGENCY	1100	2	50250	9635	FACULTY ADV ATTACHE
SE DEF INTEL AGENCY	1100	2	50250	9635	FACULTY ADV ATTACHE
SE DEF INTEL AGENCY	1100	2	55312	2310	CARTO STF OFF OPS SI
SE DEF INTEL AGENCY	1100	2	60122	9670	ADPS PLAN/OP OFF
SE DEF INTEL AGENCY	1100	2	65102	9615	MIL INT OFF DISCL PR
SE DEF INTEL AGENCY	1100	2	80004	9615	EXEC OFF EXEC ADMIN
SE DEF INTEL AGENCY	1100	2	80221	6717	CH ELECT BR
SE DEF INTEL AGENCY	1100	2	80241	6717	CH TECH GRP
SE DEF INTEL AGENCY	1100	2	83101	9615	CH ADMIN SVCS BR
SE DEF INTEL AGENCY	1100	2	95144	9615	MIO WORLDWIDE GP
SE DEF INTEL AGENCY	1100	2	95162	9615	MIO COORD * INTEG GR
SE DEF INTEL AGENCY	1100	2	95219	9640	MIO COMD SUPP BR
SE DEF INTEL AGENCY	1100	2	95246	9615	MIO NMCC SUPP BR
SE DEF INTEL AGENCY	1100	2	95207	9615	MIO ESTIMATES GP
SE DEF INTEL AGENCY	1100	2	95311	9615	MIO OPS BR
SE DEF INTEL AGENCY	1100	2	95412	9615	CH CHINA BR
SE DEF INTEL AGENCY	1100	2	95413	9615	MIO SEASIA BR
SE DEF INTEL AGENCY	1100	2	95612	9670	MIO MID AMER BR
SE DEF INTEL AGENCY	1100	2	95613	9615	MIO MID AMER BR
SE DEF INTEL AGENCY	1100	2	95770	9660	CH NAVY MATL PROD DI
SE OPNAV OP 92	1100	2	92230	2770	OP 9203 DEP AST
SE OPNAV OP 92	1100	2	92560	9670	OP 925104 NATL EST
SG NAVSHIPSYS COMHQ WASH DC	1100	2	33300	2165	DIR PLANS/PROG DIV
SI HDQTRS NAVMATCOMD WASH	1100	2	01900	9087	PLNS OFF
SI HDQTRS NAVMATCOMD WASH	1100	2	02100	9087	EMERGENCY PLNS
SL NATIONAL COMM SYSTEMS	1100	2	03220	9515	PLNS OFF
SL NATL MIL COMDSYS SUPPCEN WASH	1100	2	15010	9670	CHIEF
SL DEF COMM ENGR OFFICE DCA D	1100	2	12001	9515	CHIEF OVERSEAS DIV
SL DEF COMM ENGR OFFICE DCA D	1100	2	32001	9515	CHIEF PROJ DIV
SL DEFENSE COMM AGENCY	1100	2	58006	9515	PROG REV OFF
SL DEFENSE COMM AGENCY	1100	2	60002	9515	REQUIREMENTS OFF
SL DEF COMM AGY PACIFIC AREA	1100	2	02100	9515	CHIEF
SL HQ NAVCOMMUNCOMD WASH	1100	2	03120	9515	DIR COMM OPS DIV
SL HQ NAVCOMMUNCOMD WASH	1100	2	04030	9515	DIR FLT MAT READ DIV
SL HQ NAVCOMMUNCOMD WASH	1100	2	04140	9515	DIR MAT RENT DIV
SL OPNAV OP 94	1100	2	94110	9515	OP 94H1 AST FOR ALL I
SL OPNAV OP 94	1100	2	94200	9515	OP 94IP HD PLNS AND I
SL OPNAV OP 94	1100	2	94210	9515	HD PLNS SECT 36500
SL OPNAV OP94	1100	2	94300	9515	OP 94IR HD REQUIREMT
SL OPNAV OP94	1100	2	94370	9515	OP 942J HD SHORE PRO
SL OPNAV OP94	1100	2	94390	9515	OP 942K HD SYS * COO
SR NOSEC ORD 06	1100	2	60120	6592	DIR PLANS DIV
TD COMPHIBTRALANT	1100	2	01840	9061	LOGISTICS
TD COMPHIBTRALANT	1100	2	02000	9062	LOGISTICS OFF
TD COMPHIBTRAPAC	1100	2	02010	9065	PLANS/TRAINING

TD COMPHIBTRAPAC	1100	2	02810	9051	LOGISTICS
TF SCH DEEP SEA DIVERS WASH	1100	2	00100	9420	COMMANDING
TH FLT TRA GR PEARL HARBOR	1100	2	00210	9015	CHIEF STAFF
TH FLT TRA GR WESTPAC	1100	2	00300	9015	CHIEF STAFF OFFICER
TH FLT TRA GR GUANTANAMO	1100	2	00810	9067	OPERATIONS
TH AIR UNIV MAXWELL	1100	2	00350	3270	INSTRUCTOR
TN DEFCIVCAREEREXEC INST	1100	2	00200	2629	INSTRUCTOR
TN C AND GEN S COL FT LEAVVTH	1100	2	00210	3270	AST NAV SEC
TN C AND GEN S COL FT LEAVVTH	1100	2	00310	3270	AST NAV SEC
TN NAVAL WAR COL NEWPORT	1100	2	01150	2615	AST SECY LIBRY
TN NAVAL WAR COL NEWPORT	1100	2	01150	2615	AST SECY LIBRY
TN NAVAL WAR COLLEGE NEWPORT	1100	2	02900	3283	SPEC PROJ PLANS OFF
TN NAVAL WAR COL NEWPORT	1100	2	03000	3283	LECTURE PLANS
TN NAVAL WAR COL NEWPORT	1100	2	06900	3265	STUDY ADV INTL AFF
TN NAVAL WAR COL NEWPORT	1100	2	07700	3265	COORD STRAT PLNG TE
TN NAVAL WAR COL NEWPORT	1100	2	07800	3265	COORD STRAT PLNG TE
TN NAVAL WAR COL NEWPORT	1100	2	08000	3265	STUDY ADVISOR AMPHIB
TN NAVAL WAR COL NEWPORT	1100	2	08900	3265	STUDY ADVISOR SURF
TN NAVAL WAR COL NEWPORT	1100	2	10700	3265	AST FOR MIL MNGT
TN NAVAL WAR COL NEWPORT	1100	2	10900	3265	HEAD INST TEAM
TN NAVAL WAR COL NEWPORT	1100	2	11400	3265	AST FOR SURF OPS
TN NAVAL WAR COL NEWPORT	1100	2	11800	3265	AST FOR AAW
TN NAVAL WAR COL NEWPORT	1100	2	12500	3283	AST DIR
TN NAVAL WAR COL NEWPORT	1100	2	14000	5977	HD ENGINEERING * MAI
TN NAVAL WAR COL NEWPORT	1100	2	15700	3283	DIR/AST DIR
TN NAVAL WAR COL NEWPORT	1100	2	15800	3265	HD STRATEGY * TACT
TN NAVAL WAR COL NEWPORT	1100	2	17900	3270	OPS OFF
TN NAVAL WAR COL NEWPORT	1100	2	18200	3270	AST FOR ASW OPS
TN NAVAL WAR COL NEWPORT	1100	2	18600	3270	AST FOR AMPHIB OPS
TN ARMED FOR STF COL NB NORVA	1100	2	09001	3283	SECRETARY
TN ARMED FOR STF COL NB NORVA	1100	2	15001	3215	CHEIF
TN ARMED FOR STF COL NB NORVA	1100	2	16010	3265	FACULTY ADV/ DD OPS
TN ARMED FOR STF COL NB NORVA	1100	2	18100	3265	FACULTY ADV / COMM
TO AE INST OF TECHNOLOGY	1100	2	00600	3250	FACULTY MEMBER
TO COR COURSE CEN SCOTIA NY	1100	2	00110	9421	COMMANDING
TO ETC MAYPORT	1100	2	00200	9436	EXECUTIVE
TO ETC NORFOLK	1100	2	00300	9436	EXECUTIVE
TO ETC S DIEGO	1100	2	00200	9436	EXECUTIVE
TO ETC CHARLESTON	1100	2	00150	9024	COMMANDER
TO AAW TRACEN S DIEGO	1100	2	00200	9436	EXECUTIVE
TO AAW TRNGCEN VA BEACH	1100	2	04100	9216	CIC OFF
TO DEWEAPSYSMNGTCEN DAYTON	1100	2	00200	3250	INSTRUCTOR
TO FLTASWSCHOOL S DIEGO	1100	2	00100	9436	XO FLEASWSCOL
TO ASWSCOLLANT NORVA	1100	2	02500	9040	HEAD
TO ASWSCOLLANT NORVA	1100	2	10500	3250	HEAD
TO CHENS COL FT MCCLELLAN	1100	2	00110	9421	COMMANDING OFF NAVUN
TO SCHEXPLODODISPSL 1 H MD	1100	2	00110	9230	COMMANDING
SC SCHINMAREARE CHARLESTON	1100	2	00100	9421	COMMANDING
SC MARCORPSSCOL QUANTICO	1100	2	00800	3270	INST AMPHIB
SC MARCORPSSCOL QUANTICO	1100	2	01000	3270	INST AMPHIB S/S
SC MARCORPSSCOL QUANTICO	1100	2	10200	2125	COMPHIBLANT LIA OFF
TP MGMT SYS CEN MONTEREY	1100	2	00350	3283	AST PROF
TP DNS PERMAR ACAD KINGS PT	1100	2	00110	3283	HD OF DEPT
TP DNS NY MARIT COL BRONX NY	1100	2	00110	3277	HEAD DEPT NAVSCIENCE

TP NAVAL ACADEMY ANNAPOLIS	1100	2	02060	9065	FLANS OFF
TP NAVAL ACADEMY ANNAPOLIS	1100	2	03105	3270	HD NAV/OCEAN
TP NAVAL ACADEMY ANNAPOLIS	1100	2	03355	3270	HD TACT COMMITTEE
TP NAVAL ACADEMY ANNAPOLIS	1100	2	03905	3270	HEAD OPS COMMITTEE
TP NAVAL ACADEMY ANNAPOLIS	1100	2	04100	3270	HD NAV WPNS SYS
TP NAVAL ACADEMY ANNAPOLIS	1100	2	04120	3255	HD RESEARCH LAB CO
TP MIL ACADEMY WEST PT	1100	2	04110	3270	JNT OPS INST
UC NATTC GLYNCO	1100	2	08620	3270	SHIPED CIC TRNG
AQ SSN 571 NAUTILUS	1120	2	00100	9222	COMMANDING
AQ SSN 575 SEAWOLF	1120	2	00100	9222	COMMANDING
AQ SSN 578 SKATE	1120	2	00100	9222	COMMANDING
AQ SSN 535 SKIPJACK	1120	2	00100	9222	COMMANDING
AQ SSN 536 TRITON	1120	2	00100	9222	COMMANDING
AQ SSN 591 SHARK	1120	2	00100	9222	COMMANDING
AQ SSN 597 TULLISEE	1120	2	00100	9222	COMMANDING
AQ SSN 603 POLLACK	1120	2	00100	9222	COMMANDING
AQ SSN 604 HADDO	1120	2	00100	9222	COMMANDING
AQ SSN 605 JACK	1120	2	00100	9222	COMMANDING
AQ SSN 606 TINOSA	1120	2	00100	9222	COMMANDING
AQ SSN 607 DACE	1120	2	00100	9222	COMMANDING
AQ SSN 614 GREENLING	1120	2	00100	9222	COMMANDING
AQ SSN 615 GATO	1120	2	00100	9222	COMMANDING
AQ SSN 637 STURGEON	1120	2	00100	9222	COMMANDING
AQ SSN 638 WHALE	1120	2	00100	9222	COMMANDING
AQ SSN 646 GRAYLING	1120	2	00100	9222	COMMANDING
AQ SSN 647 POGY	1120	2	00100	9222	COMMANDING
AQ SSN 649 SUNFISH	1120	2	00100	9222	COMMANDING
AQ SSN 650 PARGO	1120	2	00100	9222	COMMANDING
AQ SSN 653 RAY	1120	2	00100	9222	COMMANDING
AQ SSN 660 SAND LANCE	1120	2	00100	9222	COMMANDING
AQ SSN 661 LAFON	1120	2	00100	9222	COMMANDING
AQ SSN 663 HAMMERHEAD	1120	2	00100	9222	COMMANDING
AQ SSN 664 SEA DEVIL	1120	2	00100	9222	COMMANDING
AQ SSN 667 BERGALL	1120	2	00100	9222	COMMANDING
AQ SSN 668 SPADEFISH	1120	2	00100	9222	COMMANDING
AQ SSN 669 SEAHORSE	1120	2	00100	9222	COMMANDING
AQ SSN 670 FINBACK	1120	2	00100	9222	COMMANDING
AQ SSN 671 NARWHAL	1120	2	00100	9222	COMMANDING
AQ SSN 673 FLYING FISH	1120	2	00100	9222	COMMANDING
AQ SSN 674 TREPANG	1120	2	00100	9222	COMMANDING
AQ SSN 675 BLUEFISH	1120	2	00100	9222	COMMANDING
AQ SSN 676 BILLFISH	1120	2	00100	9222	COMMANDING
AR SSN 579 SWORDFISH	1120	2	00100	9222	COMMANDING
AR SSN 583 SARGO	1120	2	00100	9222	COMMANDING
AR SSN 584 SEADRAGON	1120	2	00100	9222	COMMANDING
AR SSN 587 HALIBUT	1120	2	00100	9222	COMMANDING
AR SSN 588 SCAMP	1120	2	00100	9222	COMMANDING
AR SSN 590 SCULPIN	1120	2	00100	9222	COMMANDING
AR SSN 592 SNOOK	1120	2	00100	9222	COMMANDING
AR SSN 594 PERMIT	1120	2	00100	9222	COMMANDING
AR SSN 595 PLUNGER	1120	2	00100	9222	COMMANDING
AR SSN 596 BARB	1120	2	00100	9222	COMMANDING
AR SSN 612 GUARDFISH	1120	2	00100	9222	COMMANDING
AR SSN 613 FLASHER	1120	2	00100	9222	COMMANDING
AR SSN 621 HADDOCK	1120	2	00100	9222	COMMANDING

AR SSN	639	TAUTOG	1120	2	00100	9222	COMMANDING
AR SSN	648	ASPRO	1120	2	00100	9222	COMMANDING
AR SSN	651	QUEENFISH	1120	2	00100	9222	COMMANDING
AR SSN	652	PUFFER	1120	2	00100	9222	COMMANDING
AR SSN	662	GURNARD	1120	2	00100	9222	COMMANDING
AR SSN	665	GUITARRO	1120	2	00100	9222	COMMANDING
AR SSN	666	HAWKBILL	1120	2	00100	9222	COMMANDING
AR SSN	672	PINTADO	1120	2	00100	9222	COMMANDING
AR SSN	677	DRUM	1120	2	00100	9222	COMMANDING
AS SSSN	598	G WASHINGTON BL	1120	2	00100	9222	COMMANDING
AS SSSN	598	G WASHINGTON GO	1120	2	00100	9222	COMMANDING
AS SSSN	599	P HENRY BL	1120	2	00100	9222	COMMANDING
US SSSN	599	P HENRY GO	1120	2	00100	9222	COMMANDING
AS SSSN	600	T ROOSEVELT BL	1120	2	00100	9222	COMMANDING
AS SSSN	600	T ROOSEVELT GO	1120	2	00100	9222	COMMANDING
AS SSSN	601	R E LEE BL	1120	2	00100	9222	COMMANDING
AS SSSN	601	R E LEE GO	1120	2	00100	9222	COMMANDING
AS SSSN	601	R E LEE GO	1120	2	00100	9222	COMMANDING
AS SSSN	602	A LINCOLN BL	1120	2	00100	9222	COMMANDING
AS SSSN	602	A LINCOLN GO	1120	2	00100	9222	COMMANDING
AS SSSN	608	E ALLEN BL	1120	2	00100	9222	COMMANDING
AS SSSN	608	E ALLEN GO	1120	2	00100	9222	COMMANDING
AS SSSN	609	S HOUSTON BL	1120	2	00100	9222	COMMANDING
AS SSSN	609	S HOUSTON GO	1120	2	00100	9222	COMMANDING
AS SSSN	610	T EDISON BL	1120	2	00100	9222	COMMANDING
AS SSSN	610	T EDISON GO	1120	2	00100	9222	COMMANDING
AS SSSN	611	J MARSHALL BL	1120	2	00100	9222	COMMANDING
AS SSSN	611	J MARSHALL GO	1120	2	00100	9222	COMMANDING
AS SSSN	616	LAFAYETTE BL	1120	2	00100	9222	COMMANDING
AS SSSN	616	LAFAYETTE GO	1120	2	00100	9222	COMMANDING
AS SSSN	617	A HAMILTON BL	1120	2	00100	9222	COMMANDING
AS SSSN	617	A HAMILTON GO	1120	2	00100	9222	COMMANDING
AS SSSN	618	T JEFFERSON BL	1120	2	00100	9222	COMMANDING
AS SSSN	618	T JEFFERSON GO	1120	2	00100	9222	COMMANDING
AS SSSN	619	A JACKSON BL	1120	2	00100	9222	COMMANDING
AS SSSN	619	A JACKSON GO	1120	2	00100	9222	COMMANDING
AS SSSN	620	J ADAMS BL	1120	2	00100	9222	COMMANDING
AS SSSN	620	J ADAMS GO	1120	2	00100	9222	COMMANDING
AS SSSN	622	J MONROE BL	1120	2	00100	9222	COMMANDING
AS SSSN	622	J MONROE GO	1120	2	00100	9222	COMMANDING
AS SSSN	623	N HALE BL	1120	2	00100	9222	COMMANDING
AS SSSN	623	N HALE GO	1120	2	00100	9222	COMMANDING
AS SSSN	624	W WILSON BL	1120	2	00100	9222	COMMANDING
AS SSSN	624	W WILSON GO	1120	2	00100	9222	COMMANDING
AS SSSN	625	H CLAY BL	1120	2	00100	9222	COMMANDING
AS SSSN	625	H CLAY GO	1120	2	00100	9222	COMMANDING
AS SSSN	626	D WEBSTER BL	1120	2	00100	9222	COMMANDING
AS SSSN	626	D WEBSTER GO	1120	2	00100	9222	COMMANDING
AS SSSN	627	J MADISON BL	1120	2	00100	9222	COMMANDING
AS SSSN	627	J MADISON GO	1120	2	00100	9222	COMMANDING
AS SSSN	630	J CALHOUN BL	1120	2	00100	9222	COMMANDING
AS SSSN	630	J CALHOUN GO	1120	2	00100	9222	COMMANDING
AS SSSN	632	V STEUBEN BL	1120	2	00100	9222	COMMANDING
AS SSSN	632	V STEUBEN GO	1120	2	00100	9222	COMMANDING

AS SSEN 633 C PULASKI BL	1120	2	00100	9222	COMMANDING
AS SSEN 633 C PULASKI GO	1120	2	00100	9222	COMMANDING
AS SSEN 635 S RAYBURN BL	1120	2	00100	9222	COMMANDING
AS SSEN 635 S RAYBURN GO	1120	2	00100	9222	COMMANDING
AS SSEN 636 N GREENE BL	1120	2	00100	9222	COMMANDING
AS SSEN 636 N GREENE GO	1120	2	00100	9222	COMMANDING
AS SSEN 641 S BOLIVAR BL	1120	2	00100	9222	COMMANDING
AS SSEN 641 S BOLIVAR GO	1120	2	00100	9222	COMMANDING
AS SSEN 643 G BANCROFT BL	1120	2	00100	9222	COMMANDING
AS SSEN 643 G BANCROFT GO	1120	2	00100	9222	COMMANDING
AS SSEN 644 LEWIS * CLARK BL	1120	2	00100	9222	COMMANDING
AS SSEN 644 LEWIS * CLARK GO	1120	2	00100	9222	COMMANDING
AS SSEN 645 J K POLK BL	1120	2	00100	9222	COMMANDING
AS SSEN 645 J K POLK GO	1120	2	00100	9222	COMMANDING
AS SSEN 654 G MARSHALL BL	1120	2	00100	9222	COMMANDING
AS SSEN 654 G MARSHALL GO	1120	2	00100	9222	COMMANDING
AS SSEN 655 H L STIMSON BL	1120	2	00100	9222	COMMANDING
AS SSEN 655 H L STIMSON GO	1120	2	00100	9222	COMMANDING
AS SSEN 656 G W CARVER BL	1120	2	00100	9222	COMMANDING
AS SSEN 656 G W CARVER GO	1120	2	00100	9222	COMMANDING
AS SSEN 657 F S KEY BL	1120	2	00100	9222	COMMANDING
AS SSEN 657 F S KEY GO	1120	2	00100	9222	COMMANDING
AS SSEN 659 W ROGERS BL	1120	2	00100	9222	COMMANDING
AS SSEN 659 W ROGERS GO	1120	2	00100	9222	COMMANDING
AS SSEN 623 TECUMSEH BL	1120	2	00100	9222	COMMANDING
AS SSEN 623 TECUMSEH GO	1120	2	00100	9222	COMMANDING
AS SSEN 629 D BOONE BL	1120	2	00100	9222	COMMANDING
AS SSEN 629 D BOONE GO	1120	2	00100	9222	COMMANDING
AS SSEN 631 U GRANT BL	1120	2	00100	9222	COMMANDING
AS SSEN 631 U GRANT GO	1120	2	00100	9222	COMMANDING
AS SSEN 634 S JACKSON BL	1120	2	00100	9222	COMMANDING
AS SSEN 634 S JACKSON GO	1120	2	00100	9222	COMMANDING
AS SSEN 640 B FRANKLIN BL	1120	2	00100	9222	COMMANDING
AS SSEN 640 B FRANKLIN GO	1120	2	00100	9222	COMMANDING
AS SSEN 642 KANEHANEHA BL	1120	2	00100	9222	COMMANDING
AS SSEN 642 KANEHANEHA GO	1120	2	00100	9222	COMMANDING
AS SSEN 653 M VALLEJO BL	1120	2	00100	9222	COMMANDING
AS SSEN 653 M VALLEJO GO	1120	2	00100	9222	COMMANDING
HB CON FIRSTFLT	1120	2	01650	9084	ASW/UNDERSEA WARF
HE COMCARDIV 14	1120	2	15000	9073	AST OPS+SUBSURF
HE COMCARDIV 16	1120	2	15000	9073	AST OPS+ SURF+SUBSU
HE COMCARDIV 16	1120	2	17500	9065	PLANS
HE COMCARDIV 20	1120	2	15000	9073	AST OPS+SUBSURF
HF ASW GROUP 1	1120	2	02400	9077	SUBSURF OPS
HF ASW GROUP 3	1120	2	02400	9077	SUBSURF OPS
HF ASW GROUP 5	1120	2	02400	9077	SUBSURF OPS
HV COMSUBDIV 21	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 22	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 41	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 42	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 61	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 62	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 63	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 81	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 82	1120	2	00100	9094	COMMANDER

HV COMSUBDIV 101	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 102	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 121	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 122	1120	2	00100	9094	COMMANDER
HV COMSUBRON 2	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 4	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 6	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 8	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 10	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 12	1120	2	00200	9015	CHIEF STAFF OFF . C
HV COMSUBRON 16	1120	2	00300	9015	CHIEF STAFF OFF
HV COMSUBRON 18	1120	2	00300	9015	CHIEF STAFF OFF
HV COMSUBDIV 11	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 12	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 13	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 31	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 32	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 33	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 51	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 52	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 53	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 71	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 72	1120	2	00100	9094	COMMANDER
HV COMSUBDIV 73	1120	2	00100	9094	COMMANDER
HV COMSUBRON 1	1120	2	00200	9015	CHIEF STAFF) OPS
HV COMSUBRON 3	1120	2	00200	9015	CHIEF STAFF) OPS
HV COMSUBRON 5	1120	2	00200	9015	CHIEF STAFF) OPS
HV COMSUBRON 7	1120	2	00200	9015	CHIEF STAFF) OPS
HV COMSUBRON 15	1120	2	00200	3290	TRAINING
JD COMASSTECPLANT	1120	2	05910	9057	SUB WENS SYS
JD CINCLANTFLT	1120	2	22000	9065	SUB/AS OPS
JD CINCLANTFLT	1120	2	22900	9084	US AS SPC OPS
JE CINCLANT	1120	2	08003	9059	AST REP JSTPS
JE CINCLANT	1120	2	19001	9340	HD INTEL SUP) INDI
JE CINCLANT	1120	2	23002	9065	POLARIS OPS PLNG
JE CINCLANT	1120	2	25004	9065	POLARIS OPS OFF
JL COMSUBDEVGR 1	1120	2	02000	9015	CHIEF STAFF OFF
JL COMSUBDEVGR 1	1120	2	03000	2190	R) D SCIENTIFIC LI
JL COMSUBDEVGR 2	1120	2	00300	9065	OPS
JL COMSUBDEVGR 2	1120	2	08900	9065	TACT ANAL GROUP
JL COMSUBDEVGR 2	1120	2	01000	9065	TACT DEVELOP
JL COMSUBGRU SF BAY AREA	1120	2	02000	9077	TRNG
JL COMSUBLANT	1120	2	30300	9065	AST OPS OFF
JL COMSUBLANT	1120	2	30700	9067	PLANS OFF
JL COMSUBLANT	1120	2	33900	9073	TACT OFF
JL COMSUBLANT	1120	2	60200	9077	PLANS&PROG/READ
JL COMSUBLANT	1120	2	70100	9065	ACOS ANAL) DATA FRO
JL COMSUBPLOT 1	1120	2	00310	9065	OPS
JL COMSUBPLOT 2	1120	2	01200	3290	TRNG
JL COMSUBPLOT 6	1120	2	00700	9065	OPS) PLANS
JL COMSUBPLOT 6	1120	2	01900	9064	EAST LANT REPARM
JP JNTSTRATYGTFLAN STAFF	1120	2	14500	9066	OPS PLANNER
JP JNTSTRATYGTFLAN STAFF	1120	2	10000	9064	OPS PLANNER
JD SAACLANT	1120	2	01000	9065	SUB OPS

JQ	SACLANT	1120	2	05400	9076	SUB DEV
LA	COMASWFORPAC	1120	2	02600	9040	FUTURE OPNS + SCHE
LA	COMASWFORPAC	1120	2	05300	9065	REQ PLANS
LH	CONSUBPAC	1120	2	02000	9067	ACOS TRNG
LH	CONSUBPAC	1120	2	02100	9073	TACT DEVEL) PCO
LH	CONSUBPAC	1120	2	02300	9065	TACT ANAL
LH	CONSUBPAC	1120	2	03000	9065	OPS
LH	CONSUBPAC	1120	2	03300	9087	PLANS
LH	CONSUBPAC	1120	2	03800	9065	CCMD) CONT GEN
LH	CONSUBPAC	1120	2	06000	9051	LOG PLAN
LH	CONSUBPAC	1120	2	06310	9590	ACOS COMM
LH	CONSUBPAC	1120	2	07300	9065	OPS+SSBN
LH	CONSUBFLOT 7	1120	2	00700	9065	OPS/PLANS
LH	CONSUBFLOT 7	1120	2	03000	9065	AST OPS
LH	CONSUBFLOT 8	1120	2	00400	9055	OPS/PLANS
LK	ALLIED FOR MED AIR COMDS	1120	2	00410	9065	COMEDMORSEAST STF OF
LK	CINCEASTLANT	1120	2	00510	9065	EX PLANS OFF
LK	CINCUSNAVEUR/COMSEASTLANT	1120	2	10250	9065	MED) MIDEAST OPS
LK	CINCUSNAVEUR/COMSEASTLANT	1120	2	10700	9065	SUB AST
LK	CINCUSNAVEUR/COMSEASTLANT	1120	2	16500	9051	SUB LOG PLANS
LK	CINCUSNAVEUR/COMSEASTLANT	1120	2	31700	9084	AST GEN PLANS) SUE
LK	SACEUR	1120	2	00530	9065	STAFF OFF FORCE PRO
LK	SACEUR	1120	2	00840	9080	STAFF OFF NUC OPS S
LK	NO ALLIED NAVFORSEOUR	1120	2	10400	9040	STF OFF SUB MATT PL
LL	COMCARIBBEAFRONTIER	1120	2	03000	9084	3+OPERATIONS
LN	ATTACHENORWAY	1120	2	59210	9335	ASST NAV ATT OSLO
LN	CINCUSNAVEUREP HANBU	1120	2	05000	9370	NAV LIAISON OFF
LQ	JNTMILHAISSAID TURKEY	1120	2	36010	9274	CH OPS) FLEET SCH
MC	SUBBASE PEARL	1120	2	00300	1050	MGMT) PLANNING
GD	COMOPTEVEFOR	1120	2	01300	9065	SUB OPS + PLANS
OL	NAVSEAFCEN CHINA LAKE	1120	2	10310	6502	MIL AST UNDESEA W
OS	UNWATNEAPRESCHENGSTANPT	1120	2	00710	6710	FLEET APPLIC OFF
OU	FLDCORD DEFATOMSUPPAG	1120	2	06502	6917	TECH LIA OFF
SA	AST SECNAV R & D	1120	2	50030	2605	SPEC AST/SUBMARINE
SB	OPNAV	1120	2	07700	9065	OP 0900C AST NAV IN
SB	OPNAV	1120	2	09021	9077	OP 971B AST FOR PLA
SB	OPNAV	1120	2	09029	9077	CP 972C AST SUB SY
SB	OPNAV	1120	2	30080	9077	CP 305F2 HD UNDESEA
SB	OPNAV	1120	2	31280	9077	CP 311E GEN PUR FOR
SB	OPNAV	1120	2	31410	9060	CP 311G INTEL X CUR
SB	OPNAV	1120	2	31510	9060	CP 312C ELEC SYS RE
SB	OPNAV	1120	2	31530	9065	CP 312D OPS SYS REQ
SB	OPNAV	1120	2	31580	9077	CP 312E PROCP * AUX
SB	OPNAV	1120	2	31610	9077	CP 312F DETEC SYS R
SB	OPNAV	1120	2	31630	6230	CP 312G COMM SYS RE
SB	OPNAV	1120	2	32460	9076	CP 321D HD MOB SYS
SB	OPNAV	1120	2	33130	9067	CP332C AST FOR FLT
SB	OPNAV	1120	2	33030	9077	CP 332C5 SUB OPS
SB	OPNAV	1120	2	33910	7300	CP 335 SS BR
SB	OPNAV	1120	2	40160	6351	CP 4001 AST FOR JCS
SB	OPNAV	1120	2	43710	7331	CP 431U SS RES SHIP
SB	OPNAV	1120	2	60100	9070	CP 600J SUP/ASW OFF
SB	OPNAV	1120	2	60535	9065	CP 602D2 PAC/PAGEAS
SB	OPNAV	1120	2	60765	9066	CP 603D1C ASW OBJ F
SC	OPERSTUDYGRP WASH	1120	2	12200	2155	HD SS WF BR

SE DEFINTEL AGENCY		1120	2	95316	9670	MIO NAVY BR
SL OPNAV	0294	1120	2	94480	9515	OP 943C HD SUB COM
TF NPTU IDAHO FALLS		1120	2	00100	9421	COMMANDING
TF NPTU SCHNECTADY		1120	2	00100	9421	COMMANDING
TF NPTU WINDSOR CONN		1120	2	00110	9421	COMMANDING
TF NUCPOWSCH NTC BAINBRIDGE		1120	2	00100	9421	COMMANDING
TF NUCPOWSCH MI NSYD VALLEJO		1120	2	00100	9421	COMMANDING
TN NAVAL WAR COL NEWPORT		1120	2	09100	3265	STUDY ADVISOR SS OF
TN NAVAL WAR COLLEGE NEWPORT		1120	2	11600	3265	AST FOR SS OPS
TN NAVAL WAR COLLEGE NEWPORT		1120	2	13300	3270	AST FOR SUB OPS
TN ARMED FOR STF COL NB NORVA		1120	2	17012	3265	FACULTY ADV/NUCLEAR
TO ASMCCOLLANT NORVA		1120	2	05500	3250	HEAD
AA CVA	38 SHANGRI LA	1310	2	01400	9274	OPERATIONS
AA CVA	38 SHANGRI LA	1310	2	03300	9216	CIC
AA CVA	38 SHANGRI LA	1310	2	05500	9284	NAVIGATOR
AA CVA	42 F D ROOSEVELT	1310	2	01400	9274	OPERATIONS
AA CVA	42 F D ROOSEVELT	1310	2	01500	9080	STRIKE OPERATIONS O
AA CVA	42 F D ROOSEVELT	1310	2	03300	9217	CIC
AA CVA	42 F D ROOSEVELT	1310	2	05500	9284	NAVIGATOR
AA CVA	59 FORRESTAL	1310	2	01400	9275	OPERATIONS
AA CVA	59 FORRESTAL	1310	2	01500	9080	STRIKE OPERATIONS O
AA CVA	59 FORRESTAL	1310	2	03300	9217	CIC
AA CVA	59 FORRESTAL	1310	2	05500	9284	NAVIGATOR
AA CVA	60 SARATOGA	1310	2	01400	9275	OPERATIONS
AA CVA	60 SARATOGA	1310	2	01500	9080	STRIKE OPERATIONS O
AA CVA	60 SARATOGA	1310	2	03300	9217	CIC
AA CVA	60 SARATOGA	1310	2	05500	9284	NAVIGATOR
AA CVA	62 INDEPENDENCE	1310	2	01300	9274	OPERATIONS
AA CVA	62 INDEPENDENCE	1310	2	01400	9080	STRIKE OPERATIONS O
AA CVA	62 INDEPENDENCE	1310	2	05500	9217	CIC
AA CVA	62 INDEPENDENCE	1310	2	05200	9284	NAVIGATOR
AA CVA	66 AMERICA	1310	2	01400	9275	OPERATIONS
AA CVA	66 AMERICA	1310	2	01500	8621	STRIKE OPERATIONS O
AA CVA	66 AMERICA	1310	2	02800	9217	CIC
AA CVA	66 AMERICA	1310	2	04500	9284	NAVIGATOR
AA CVA	67 JOHN F KENNEDY	1310	2	01400	9275	OPERATIONS
AA CVA	67 JOHN F KENNEDY	1310	2	01500	9080	STRIKE OPERATIONS O
AA CVA	67 JOHN F KENNEDY	1310	2	02800	9217	CIC
AA CVA	67 JOHN F KENNEDY	1310	2	04500	9284	NAVIGATOR
AB CVA	24 TICONDEROGA	1310	2	01400	9274	OPERATIONS
AB CVA	24 TICONDEROGA	1310	2	01500	9080	STRIKE OPERATIONS O
AB CVA	24 TICONDEROGA	1310	2	03300	9216	CIC
AB CVA	24 TICONDEROGA	1310	2	05500	9284	NAVIGATOR
AB CVA	19 HANCOCK	1310	2	01400	9274	OPERATIONS
AB CVA	19 HANCOCK	1310	2	01500	9080	STRIKE OPERATIONS O
AB CVA	19 HANCOCK	1310	2	03300	9216	CIC
AB CVA	19 HANCOCK	1310	2	05500	9284	NAVIGATOR
AB CVA	31 BON HOMME RICHARD	1310	1	01400	9274	OPERATIONS
AB CVA	31 BON HOMME RICHARD	1310	2	01500	9080	STRIKE OPERATIONS O
AB CVA	31 BON HOMME RICHARD	1310	2	03300	9216	CIC
AB CVA	31 BON HOMME RICHARD	1310	2	05500	9284	NAVIGATOR
AB CVA	34 CRISKANY	1310	2	01400	9274	OPERATIONS
AB CVA	34 CRISKANY	1310	2	01500	9080	STRIKE OPERATIONS O
AB CVA	34 CRISKANY	1310	2	03300	9217	CIC

AB CVA	34	CRISKANY	1310	2	05500	9204	NAVIGATOR
AB CVA	43	CORAL SEA	1310	2	01400	9274	OPERATIONS
AB CVA	43	CORAL SEA	1310	2	01500	9080	STRIKE OPERATIONS
AB CVA	43	CORAL SEA	1310	2	03300	9217	CIC
AB CVA	43	CORAL SEA	1310	2	05500	9204	NAVIGATOR
AB CVA	61	RANGER	1310	2	01300	9274	OPERATIONS
AB CVA	61	RANGER	1310	2	01400	9080	STRIKE OPERATIONS
AB CVA	61	RANGER	1310	2	03500	9217	CIC
AB CVA	61	RANGER	1310	2	05200	9204	NAVIGATOR
AB CVA	63	KITTY HAWK	1310	2	01300	9275	OPERATIONS
AB CVA	63	KITTY HAWK	1310	2	01400	9080	STRIKE OPERATIONS
AB CVA	63	KITTY HAWK	1310	2	03500	9217	CIC
AB CVA	63	KITTY HAWK	1310	2	05200	9204	NAVIGATOR
AB CVA	64	CONSTELLATION	1310	2	01300	9275	OPERATIONS
AB CVA	64	CONSTELLATION	1310	2	01400	9080	STRIKE OPERATIONS
AB CVA	64	CONSTELLATION	1310	2	03500	9217	CIC
AB CVA	64	CONSTELLATION	1310	2	05200	9204	NAVIGATOR
AB CVAN	65	ENTERPRISE	1310	2	01400	9275	OPERATIONS
AB CVAN	65	ENTERPRISE	1310	2	01500	9274	STRIKE OPERATIONS
AB CVAN	65	ENTERPRISE	1310	2	02300	9217	CIC
AB CVAN	65	ENTERPRISE	1310	2	04500	9204	NAVIGATOR
AC CVS	9	ESSEX	1310	2	01300	9274	OPERATIONS
AC CVS	9	ESSEX	1310	2	02400	9216	CIC
AC CVS	9	ESSEX	1310	2	04600	9204	NAVIGATOR
AC CVS	11	INTREPID	1310	2	01300	9274	OPERATIONS
AC CVS	11	INTREPID	1310	2	02400	9216	CIC
AC CVS	11	INTREPID	1310	2	04600	9204	NAVIGATOR
AC CVS	15	RANDOLPH	1310	2	01300	9274	OPERATIONS
AC CVS	15	RANDOLPH	1310	2	02400	9216	CIC
AC CVS	15	RANDOLPH	1310	2	04600	9204	NAVIGATOR
AC CVT	16	LEXINGTON	1310	2	01400	9274	OPERATIONS
AC CVT	16	LEXINGTON	1310	2	03300	9216	CIC
AC CVT	16	LEXINGTON	1310	2	05500	9204	NAVIGATOR
AC CVS	18	WASP	1310	2	01300	9274	OPERATIONS
AC CVS	18	WASP	1310	2	02400	9216	CIC
AC CVS	18	WASP	1310	2	04600	9204	NAVIGATOR
AD CVS	10	YORKTOWN	1310	2	01300	9274	OPERATIONS
AD CVS	10	YORKTOWN	1310	2	02400	9216	CIC
AD CVS	10	YORKTOWN	1310	2	04600	9204	NAVIGATOR
AD CVS	12	HORNET	1310	2	01300	9274	OPERATIONS
AD CVS	12	HORNET	1310	2	02400	9216	CIC
AD CVS	12	HORNET	1310	2	04600	9204	NAVIGATOR
AD CVS	20	BENNINGTON	1310	2	01300	9274	OPERATIONS
AD CVS	20	BENNINGTON	1310	2	02400	9216	CIC
AD CVS	20	BENNINGTON	1310	2	04600	9204	NAVIGATOR
AD CVS	33	KEARSARGE	1310	2	01300	9274	OPERATIONS
AD CVS	33	KEARSARGE	1310	2	02400	9216	CIC
AD CVS	33	KEARSARGE	1310	2	04600	9204	NAVIGATOR
EB FAV	8		1310	2	00200	9015	CHIEF STAFF OFF
EB FAV	8		1310	2	00900	9035	OPERATIONS/PLANS
EB FAV	10		1310	2	00200	9015	CHIEF STAFF OFF
EB FAV	10		1310	2	00900	9035	OPERATIONS/PLANS
EC TACRON 21		GR 1	1310	2	00210	9015	CHIEF STAFF
EC TACRON 21			1310	2	00100	0370	COMMANDING
EC TACRON 22			1310	2	00100	0370	COMMANDING

ED TACAIRCONT GR 1	1310	2	00210	9015	CHIEF STAFF
ED TACRON 11	1310	2	00100	8670	COMMANDING
ED TACRON 12	1310	2	00100	8670	COMMANDING
GA COMSEVENTHFLT DET C	1310	2	03110	9065	AIR OPS
GA COMSEVENTHFLT DET C	1310	2	83110	9065	OPERATIONS
GH COMNAVFORVH	1310	2	10110	9065	AIR OPS OFF
GH COMNAVFORVH	1310	2	12900	1295	TRANS OFFICER
GL COMUSMACV	1310	2	00310	3975	PERS PLANS BR
GL COMUSMACV	1310	2	00510	9680	CH PLANS SEC
GL COMUSMACV	1310	2	01500	9065	OPS STAFF OFF
GL COMUSMACV	1310	2	30020	9065	OPS STAFF OFF
GL COMUSMACV	1310	2	84110	2412	BRIEFING OFF
HA COM SIXTHFLT	1310	2	03110	9030	NUCLEAR WARFARE
HA COM SECONDFLT	1310	2	07710	9079	PROJ AIR SYS EW
H3 COM FIRSTFLT	1310	2	02500	9051	LOGISTICS
H3 COM SEVENTHFLT	1310	2	03210	9067	READINESS
H3 COM SEVENTHFLT	1310	2	03510	9030	NUC WARF
H3 COM SEVENTHFLT	1310	2	05310	9087	NAV AIR PLANS
H3 COM SEVENTHFLT	1310	2	08110	9059	LINECINCPACPOLO FUCH
H3 COM SEVENTHFLT	1310	2	83410	8585	COMV AIR WARF
HD COMCARDIV 1	1310	2	02700	9053	WEAPONS OFF
HD COMCARDIV 3	1310	2	02700	9053	WEAPONS OFF
HD COMCARDIV 5	1310	2	01000	8585	AIR OPS
HD COMCARDIV 5	1310	2	02600	9037	PLANS
HD COMCARDIV 5	1310	2	30300	9063	READINESS) TRAIN
HD COMCARDIV 7	1310	2	02700	9053	WEAPONS OFF
HD COMCARDIV 9	1310	2	02700	9053	WEAPONS OFF
HG COM MIDDLE EAST FORCE	1310	2	01030	9065	OPERATIONS
HK HNS AFLOAT	1310	2	80500	9289	OPS STAFF OFF
JA COMFAIR ALAMEDA	1310	2	01900	9063	MULTI ENG/INST/FAA
JA COMFAIR ALAMEDA	1310	2	02300	9065	CPS
JA COMFAIR NORVA	1310	2	02500	9068	TRNG
JB CINCLANTFLT	1310	2	04000	9011	COMMAND INTERFACE
JB CINCLANTFLT	1310	2	11900	9060	AST NUC
JB CINCLANTFLT	1310	2	11900	9068	AST READ ANAL
JB CINCLANTFLT	1310	2	22000	9065	OPS WAR OFF
JB CINCLANTFLT	1310	2	24100	9067	AST FLTHINEMAR/SURF
JB CINCLANTFLT	1310	2	20200	9087	AST FLT/CARIB PLAN
JB CINCLANTFLT	1310	2	24600	2245	E COAST+PROJ HNDOSP
JB CINCLANTFLT	1310	2	31700	6942	COMV WEPS LOG
JB CINCLANTFLT	1310	2	32300	9051	AST FLT LOG PLN
JC COMNAVANTLANT	1310	2	05000	9020	ACOS COMM
JC COMNAVANTLANT	1310	2	05050	9065	AST PLANS
JC COMNAVANTLANT	1310	2	05100	9065	AV PLANS
JC COMNAVANTLANT	1310	2	06300	9083	WAR PLANS
JC COMNAVANTLANT	1310	2	06700	8085	AIR OPS
JC COMNAVANTLANT	1310	2	07200	9065	SHIP OPS
JC COMNAVANTLANT	1310	2	08700	3217	CVA WING TRNG
JC COMNAVANTLANT	1310	2	08900	3217	VA TRNG
JC COMNAVANTLANT	1310	2	09000	3217	RYAN TRNG
JC COMNAVANTLANT	1310	2	09450	3217	PATROL ASW TRNG+VP
JC COMNAVANTLANT	1310	2	09800	3215	SHIPS TRNG
JC COMNAVANTLANT	1310	2	10000	9042	CIC) OPS
JC COMNAVANTPAC	1310	2	03900	9030	AST C/S COMM

JC COMNAVAIRPAC	1310	2	06700	9053	WPNS TRNG
JC COMNAVAIRPAC	1310	2	00000	9055	FUTURE/CARR SKED
JC COMNAVAIRPAC	1310	2	02700	9087	WAR PLANS
JD MANSPOFTRECOVFORLNT CTF140	1310	2	00800	2805	OPS
JD COMRALANT	1310	2	03300	8305	AST CURR OPS
JE CINCLANT	1310	2	07002	9009	AST REP TO FRE
JE CINCLANT	1310	2	27020	9065	AST NUC WARF OPS
JE CINCLANT	1310	2	20001	9065	DIR JRC J38
JE CINCLANT	1310	2	26006	9065	AST JNT PLANS
J CINCLANT	1310	2	37002	9006	AST STRAT POL PLAN
J CINCLANT	1310	2	38003	9065	AST NUC WARF PLNS
JO CHAVANTRA	1310	2	05100	9065	OPS
JO CHAVANTRA	1310	2	35920	3217	AV PLANS/STUD ADMIN
JO CHAVBATRA	1310	2	03230	3217	FLIGHT TRNG
JO CHAVBATRA	1310	2	04050	3219	TECH TRNG+AV SUPP E
JO CHAVBATRA	1310	2	04410	9087	PLANS
JO CHAVBATRA	1310	2	04430	9065	OPS OFF
JO CHATECHTRA	1310	2	04025	9065	PLANS) OPS
JO CHATECHTRA	1310	2	05105	3215	TRNG
CH CNATRA	1310	2	10200	3217	TECH TRA
CH CNATRA	1310	2	11100	3217	PLANS
CH CNATRA	1310	2	11200	3217	AST PLANS
CH CNATRA	1310	2	11300	3219	OPS
JP JNTSTRATTGTFLAN STAFF	1310	2	03100	9000	CPS STAFF OFF
JP JNTSTRATTGTFLAN STAFF	1310	2	03100	9080	CPS STAFF OFF
JP JNTSTRATTGTFLAN STAFF	1310	2	06020	9040	DEP
JP JNTSTRATTGTFLAN STAFF	1310	2	14100	9085	CPS PLANNER
JP JNTSTRATTGTFLAN STAFF	1310	2	16100	9086	DEP
JP JNTSTRATTGTFLAN STAFF	1310	2	19100	9086	DEP STRAT CPS OFF
JP JTF 2	1310	0	21010	9065	CPS OFF
JP JTF 2	1310	0	24030	9065	CPS OFF
JP JTF 2	1310	0	27010	9065	CPS OFF
JP JTF 2	1310	2	20030	9065	CPS OFF
JP JTF 2	1310	2	30040	8322	TEST DESIGN OFF
JP JTF 2	1310	2	36010	9065	CHIEF
JP JTF 2	1310	2	36030	9065	HL ANAL
JO NORAD COMAD REGN SECT HQTR	1310	2	00900	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	01900	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	02000	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	02300	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	02700	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	02900	9065	CPS) PLANS
JO NORAD COMAD REGN SECT HQTR	1310	2	03000	9065	CPS) PLANS
JO SAACLANT	1310	2	02300	9070	DIR INTEL POL
JO SAACLANT	1310	2	04000	9065	FUTURE CONCEPTS) C
JO SAACLANT	1310	2	04900	9065	CARRIER AIR OPS
JO SAACLANT	1310	2	05300	9065	AIR STRIKE) SUPPOR
JO SAACLANT	1310	2	05300	9070	AIR) ELECT WARF
JO COMCOMLANT/COMORASDEF	1310	2	05100	9065	US/JATO WAR PLANS
JO CIRC US STRIKE COMMAND	1310	2	11085	9087	PLANS OFF/US ELEUS
JO CIRC US STRIKE COMMAND	1310	2	11081	9087	NUC USN PLAN OFF
JO HOCOMAD	1310	2	20110	9006	INFCO WNS PLANS OF
JO HOCOMAD	1310	2	20100	9006	SPACE DEF SYS PLANS
JO HOCOMAD	1310	2	30090	9080	TECH PROJ OFF
JO HOCOMAD	1310	2	30330	9065	CH INTEG + DVLP BR

JQ HCCONAD	1310	2	30332	9065	INTCP R+D OFF
JQ HCCONAD	1310	2	31070	9086	PLANS ANALYST
JQ HCCONAD	1310	2	32050	9067	CH PROG DIV
JQ HCCONAD	1310	2	33100	9046	IDENT SYS OFF
JQ HCCONAD	1310	2	35100	9046	IDENT SYS OFF
JQ HCCONAD	1310	2	38100	2912	CH CIVIL + COMP
JQ COMSTRIKEFLTANT	1310	2	00500	9065	AST NATO PLANS OFF
JU CHART NAS GLENVIEW	1310	2	08500	9065	OPS
JU CHART NAS GLENVIEW	1310	2	09450	9065	PLANS CONT
JU CHART NAS GLENVIEW	1310	2	09700	9087	READ ANPL/STST
LA CINCPACFLT	1310	2	00650	9040	CH INTEL PLANS
LA CINCPACFLT	1310	2	01130	9068	AST READ + TRNG
LA CINCPACFLT	1310	2	01390	9066	AAW
LA CINCPACFLT	1310	2	01420	9046	ELEC WAR + SPACE
LA CINCPACFLT	1310	2	01490	9065	CURRENT OPS COORD
LA CINCPACFLT	1310	2	01730	9065	REP TO JNPR
LA CINCPACFLT	1310	2	02080	8928	LOG MOVEMENT
LA CINCPACFLT	1310	2	02090	9051	AST LOG MOVEMENT
LA CINCPACFLT	1310	2	02150	9051	AST LOG READ
LB COMPATFOR 7TH FLT	1310	2	00700	9065	OPS
LB COMPATFOR 7TH FLT	1310	2	01100	9065	OPS
LB COMPATFOR 7TH FLT	1310	2	02000	9087	PLANS
LB COMPATFOR 7TH FLT	1310	2	03100	9067	PLANS
LB COMFAIRMED	1310	2	03700	8944	FACSUPOFF
LB COMFAIRMED	1310	2	07200	9067	OPS/READ OFF
LB COMFAIR HAWAII	1310	2	02000	9067	FLT OPS
LB COMFAIR HAWAII	1310	2	03300	9065	BASE OPS+PLANS
LB COMFAIRKENTLAVIK	1310	2	00300	8908	OPS/PLANS
LB COMFAIRWESTPAC	1310	2	01800	9065	OPS
LB COMFAIRWESTPAC	1310	2	03300	9087	STAFF PLANS
LB DEPCOMFAIRWESTPAC	1310	2	00400	9065	OPS/PLANS
LI USNAVTRACOMD MOROCCO	1310	2	00310	9942	POLITCOM-MIL LIA
LK ALLIED FOR MED AIR COMDS	1310	2	00310	9065	CONDECENT STAFF OFF
LK ALLIED FOR MED AIR COMDS	1310	2	00310	9065	CONSIGNED STAFF OFF
LK COMNAVALTAP	1310	2	00200	8972	STF OFF SURF/AIR CP
LK US SOUTHCOM	1310	2	42030	9087	CONT PL OFF
LK US SOUTHCOM	1310	2	52030	9942	MIL AST PLAN OFF
LK COMEASTRESTLANT	1310	2	00100	8972	AIR PLANNING
LK CINCUSNAVEUR/COMEASTLANT	1310	2	03730	9040	RD INT SUP) INDIC
LK CINCUSNAVEUR/COMEASTLANT	1310	2	10700	9061	BASE DEVEL) SUP
LK CINCUSNAVEUR/COMEASTLANT	1310	2	19300	9051	CRD LOG
LK CINCUSNAVEUR/COMEASTLANT	1310	2	31800	8972	AST GEN PLANS + AIR
LK CINCONC/COMUSK	1310	2	02400	9066	OPS) TRNG
LK SILK BURSE CONT GRP EUCCM	1310	2	03001	9065	STAFF OPS OFF
LK SILK BURSE CONT GRP EUCCM	1310	2	04009	9065	STAFF OPS OFF
LK COMSTRIKEFOR SOUTH	1310	2	02000	9065	CH OPS BR
LK COMSTRIKEFOR SOUTH	1310	2	02400	9065	AIR OFF
LK COMSTRIKEFOR SOUTH	1310	2	02500	9037	GEN WAR PLANS OFF
LK COMSTRIKEFOR SOUTH	1310	2	03000	9009	CH NUCOPS PLANS
LK CINCCONT	1310	2	00170	9065	STAFF OFF
LK CINCNORTH	1310	2	00600	9087	CONT PLANS BR
LK CINCNORTH	1310	2	01000	9068	NUCLEAR BR
LK CINCSOUTH	1310	2	00425	9065	PLANS) OPS OFF
LK CINCSOUTH	1310	2	03410	1973	CH AIR SECTION

LK CINCSOUTH	1310	2	08120	9065	PLANS OFF EX) ANAL
LK ICELAND DEFOR	1310	2	03400	2412	PUBLIC INFO
LK US TAIWAN DEFCCMD	1310	2	22050	9065	OPS STAFF OFF
LK SACEUR	1310	2	00520	9065	STAFF OFF POL SEC
LK SACEUR	1310	2	00540	9065	STAFF OFF WAR PLANS
LK SACEUR	1310	2	00620	9080	STAFF OFF NUC OPS SF
LK SACEUR	1310	2	00650	9065	STAFF OFF AIR SEC
LK US ELEMENT CENTO	1310	2	05010	9087	STAFF PLANNING OFF
LK HQ USEUCOM	1310	2	41301	9040	OPNS INTEL OFF
LK HQ USEUCOM	1310	2	53204	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	54003	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	54003	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	54003	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	57103	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	57203	9065	STF OPNS PLANS OFF
LK HQ USEUCOM	1310	2	77202	2305	NAVIG PGM HQ OFF
LK HQ ALLIED NAVFORSOEUR	1310	2	00400	9080	PLANNING OFF + PL+O
LK CINCALASKA	1310	2	07031	9087	PLANS) RGMTS OFF
LK CINCPAC	1310	2	13006	2605	ASST/OCEANIA/KOREA
LK CINCPAC	1310	2	18004	9040	HQ RECON SECT
LK CINCPAC	1310	2	19013	9040	ASST TARGETS
LK CINCPAC	1310	2	20001	9040	CHIEF SSO
LK CINCPAC	1310	2	22106	3215	NAVY TRNG OFF
LK CINCPAC	1310	2	23103	9065	OPNS OFF
LK CINCPAC	1310	2	24116	9065	OPNS OFF AIR
LK CINCPAC	1310	2	25102	9065	ASST OPNL PLANS OFF
LK CINCPAC	1310	2	27106	8065	ASST AIR OPS OFF
LK CINCPAC	1310	2	27109	8065	ASST AIR OPS OFF
LK CINCPAC	1310	2	27110	9065	ASST AIR OPS OFF
LK CINCPAC	1310	2	27113	9005	AIR MUNITIONS ANAL C
LK CINCPAC	1310	2	29102	9065	ASST CHIEF
LK CINCPAC	1310	2	32152	9000	CH NUC SAFETY SEC
LK CINCPAC	1310	2	32134	9080	CINCPACREPTO FRFE
LK CINCPAC	1310	2	32150	6520	AIR OPNS STF OFF
LK CINCPAC	1310	2	39117	9051	MUNITIONS STF OFF
LK CINCPAC	1310	2	40005	0065	DELAN COORD
LK CINCPAC	1310	2	43013	9065	AREA PLANNING OFF
LK CINCPAC	1310	2	43020	9065	POLICY OFF
LK CINCPAC	1310	2	57005	9007	ATOMIC PLANS/OPNS OF
LL ADVCRACINRESCHDEVNATO	1310	2	00110	5921	EXEC AVIONICS PANEL
LL LIVEOAK USELEH EUCOM	1310	2	03010	9065	CHIEF
LL COMNAVPHIL	1310	2	02100	9005	AIR OPS
LL COMNAVATLANSEAFRONTIER	1310	2	01210	8005	64OPS AVIATION
LH ATTACHE IRAN	1310	2	00110	9005	NAVAL ATTACHE
LH ATTACHE PHILIPPINES	1310	2	60010	9035	NAV ATT MANILLA
LH CINCOMNAVSEURREP FRANCE	1310	2	02000	9370	CINCOMNAVSEURREP FRAN
LO FLTHITCOMNAVFORSEUR	1310	2	02400	9000	HQ AIR OPS
LO JMWTF/NAAG SPAIN	1310	2	10010	9065	STF OPS PLANS OFF
LO JMWTF/NAAG TURKEY	1310	2	03010	9007	PLANS) OPS STF OFF
LO NAAG DOMINICAN REP	1310	2	01100	9036	EXEC OFF POL+02
LO NAAG GERMANY	1310	2	11020	9007	CH AVIATION ADV
LO NAAG ITALY	1310	2	00050	9005	OPS) TRNG OFF
LO USEMILGRP ARGENTINA	1310	2	00040	8972	AVN+IONS ADV/MAP
LO USEMILGRP BRAZIL	1310	2	00040	8972	AV ADVN+IC ADV
LO USEMILGRP CHILE	1310	2	00040	8905	AVIATION HQR

LQ USMILGRP PERU	1310	2	05050	3980	PERS+ADMIN ADV +AVI
KD AIRC SUPPDET KINDLEY AFB	1310	2	08030	8053	OIC SUPP DET+ADDU C
KF EUR ELECT INT CEN	1310	2	04001	9640	CH PLANS PROG PEOT
IK NAVAVLEARSFAC ST MANGAN	1310	2	00110	9421	COMMANDING OFF
GD NORFOLK TEST + EVAL FAC	1310	2	00200	9015	CH STF OFF/PROJ COO
CD COMPTTEVFOR	1310	2	00000	5980	COM SYST TEST + EV
QI NAVCOMCONTRCOMLABCEN SD	1310	2	15100	8385	HD MOBILE COMCEN
QJ NGL CNR WASHDC	1310	2	04110	2155	AST CH STAFF
QL AVIONICS FAC INDIAN	1310	2	01100	6974	DIRECTOR
CL AVIONICS FAC INDIAN	1310	2	01300	6974	DIRECTOR
CL AVIONICS FAC INDIAN	1310	2	01500	6974	HEAD
CL NAVISLLEN PT MUGU	1310	2	05100	8503	TEST OPS OFF
CL PACNISRANGE PT MUGU	1310	2	00300	6920	PLANS OFF
CL PACNISRANGE PT MUGU	1310	2	02300	6275	RANGE PLANNING OFF
CL PACNISRANGE PT MUGU	1310	2	04400	6275	OPERATIONAL PLANS D
CL PBR FAC HAWAII AR	1310	2	00410	9406	EXEC OFF
CL NAVAIR PROJ PRESS OPER CP	1310	2	00250	0570	COMMANDING
OS NAVWEAPONS LAB DAHLGR	1310	2	07810	6002	AST DIR FOR MIL APP
OS NAVWEAPONS LAB DAHLGR	1310	2	12210	6926	AST DIR FOR MIL
OS NGL WHITE OAK	1310	2	00550	6917	AST FOR NUC ENERG
OS WEPSSANALOFF QUANT	1310	2	00120	6982	PLANS
QU OPREACTDEV AEC GERM	1310	2	02100	2095	PROJ MGR ISOTOPIC S
QU COMANTASKGRP 8.3	1310	2	03100	0380	AIR OPS + PLAN
QU FLECCOM DEFATONSUPPAG	1310	2	02301	6942	CH STOCKPILE OPS DI
QU FLECCOM DEFATONSUPPAG	1310	2	04104	6916	QUALITY ENGR
QU FLECCOM DEFATONSUPPAG	1310	2	00501	6917	CH NAVY SAF BR
QU FLECCOM DEFATONSUPPAG	1310	2	14301	3290	CH JNT TRAIN DIV
QU FLECCOM DEFATONSUPPAG	1310	2	20004	2071	NAVY RSCH ASSOC
QU FLECCOM DEFATONSUPPAG	1310	2	20005	2071	NAVY RSCH ASSOC
QU JOINT TASK FORCE 8	1310	2	01105	9065	OPNS OFF
QU JOINT TASK FORCE 8	1310	2	01202	9060	NUC WEAPONS OFF
SA SPEC AST TO SECNAV	1310	2	60100	2015	NAVAL ASST
SB CPNAV	1310	2	07080	2015	OP 090910 HD COMBAT
SD CPNAV	1310	2	07370	2015	OP 09094 OPS HISTOR
SB CPNAV	1310	2	08170	2010	OP 90A11 AST FOR CO
SB CPNAV	1310	2	08250	9980	OP 90D32 GEN PURP F
SB CPNAV	1310	2	08320	9980	OP 90D341 MAT ANAL
SB CPNAV	1310	2	08325	9980	CP 90D35 HD INPR F
SD CPNAV	1310	2	08905	2107	CP 90DF AIR ASW ANAL
SB CPNAV	1310	2	08990	9005	CP 90ED STRAT WE AN
SB CPNAV	1310	2	08995	9005	OP 90EE STRAT WE AN
SB CPNAV	1310	2	09006	9013	CP 90TE COMD & CONT
SB CPNAV	1310	2	09010	9013	CP 90TE COMD & CONT
SB CPNAV	1310	2	09031	9005	CP 9720 HD DEF SYS
SB CPNAV	1310	2	09035	9980	CP 821L AST NAVINSG
SB CPNAV	1310	2	09095	9980	CP 821M AST NAVINSG
SD CPNAV	1310	2	09090	9980	CP 821M AST NAVINSG
SB CPNAV	1310	2	10050	3075	CP 10C AST FOR JCS
SD CPNAV	1310	2	10075	3075	CP 10001 PROJ CONT
SD CPNAV	1310	2	10105	3075	OP 100E INPR CONT
SD CPNAV	1310	2	00255	7300	CP 00F21 HD PLANS SF
SB CPNAV	1310	2	30005	9005	CP 03J AST FOR JNT
SB CPNAV	1310	2	30730	9001	CP 3000 HD PROG CH

SB CPNAV	1310	2	30800	9063	CP	308F1	HD AIR TAG
SB CPNAV	1310	2	32725	9069	CP	322D	HD WP SEC
SB CPNAV	1310	2	32728	9076	CP	322D1	AST AIR WP
SB CPNAV	1310	2	32765	9076	CP	322E1	AST
SB CPNAV	1310	2	33100	9063	CP	332C2	CARRIER *
SB CPNAV	1310	2	33480	9065	CP	332C8	AST TO DU1
SB CPNAV	1310	2	33490	9065	CP	332C9	AST TO DU1
SB CPNAV	1310	2	33495	9065	CP	332C10	AST FOR
SB CPNAV	1310	2	33560	9040	CP	333D	HD SPEC ACI
SB CPNAV	1310	2	34225	9063	CP	342E	HD AIR LAU
SB CPNAV	1310	2	34255	9073	CP	342G	HD CA * AV
SB CPNAV	1310	2	34257	9067	CP	342G1	AST
SB CPNAV	1310	2	34270	9063	CP	342H	HD PILOT RE
SB CPNAV	1310	2	34290	9063	CP	342J	HD ECM CPS
SB CPNAV	1310	2	34830	9064	CP	346D	HD CPS SEC
SB CPNAV	1310	2	35330	9075	CP	351C	HD NAV * AS
SB CPNAV	1310	2	35560	9045	CP	352C	HD EW TRNG
SB CPNAV	1310	2	35680	9075	CP	352D	HD TACT DAT
SB CPNAV	1310	2	37300	9034	CP	372C	HD READ STA
SB CPNAV	1310	2	37500	9034	CP	373C4	HD AAW UNL
SB CPNAV	1310	2	40150	9051	CP	441D2	AST AV SUP
SB CPNAV	1310	2	44270	9051	CP	441E	HD FLANS DE
SB CPNAV	1310	2	44310	9051	CP	442D	HD PROG
SB CPNAV	1310	2	50240	9050	CP	05N2B	AST FOR VA
SB CPNAV	1310	2	50250	9050	CP	05N2C	AST FOR AN
SB CPNAV	1310	2	50280	9050	CP	05N3B	AST FOR AD
SB CPNAV	1310	2	50600	9075	CP	503B	AST HD
SB CPNAV	1310	2	50585	9075	CP	503C	HD FLT AIR
SB CPNAV	1310	2	50710	9032	CP	506C1	A6 PROG DI
SB CPNAV	1310	2	50715	9032	CP	506C2	A7 PROG DI
SB CPNAV	1310	2	50725	9032	CP	506D1	VP * ANEW
SB CPNAV	1310	2	50735	9062	CP	506E	HD SPEC MSN
SB CPNAV	1310	2	50755	9062	CP	506E2	EAG PROG D
SB CPNAV	1310	2	50765	9062	CP	506E3	AV SHIP *
SB CPNAV	1310	2	50800	9065	CP	503	HD WAR PLNS
SB CPNAV	1310	2	50810	9087	CP	500B	AST FOR AV
SB CPNAV	1310	2	50820	9087	CP	500C	AST FOR JHT
SB CPNAV	1310	2	50825	9087	CP	500C1	TNG AST T
SB CPNAV	1310	2	50840	9087	CP	500F	AST FOR JCS
SB CPNAV	1310	2	51170	9050	CP	512B0	AST FOR PA
SB CPNAV	1310	2	51200	9032	CP	512B2	AST FOR SP
SB CPNAV	1310	2	51220	9050	CP	512C	HD A/C ALL
SB CPNAV	1310	2	51300	9050	CP	512C1	AST FOR A
SB CPNAV	1310	2	51440	9075	CP	515E	CUR REG * S
SB CPNAV	1310	2	51450	9087	CP	517C	AIR TO GRND
SB CPNAV	1310	2	52120	9074	CP	52C	AST FLIGHT C
SB CPNAV	1310	2	52330	9033	CP	523D	HD AIR BRAC
SB CPNAV	1310	2	52510	9044	CP	524C	HD CUR RE
SB CPNAV	1310	2	52810	9015	CP	524E	HD FLY AIR
SB CPNAV	1310	2	53410	9015	CP	528C	HD TECH TNG
SB CPNAV	1310	2	53430	9015	CP	528C1	AST FOR FC
SB CPNAV	1310	2	53450	9012	CP	528D	HD CUR TE
SB CPNAV	1310	2	53530	9015	CP	529	HD AIR ENG C
SB CPNAV	1310	2	60090	9070	CP	6001	SPEC BRD C
SB CPNAV	1310	2	60110	9070	CP	6004	STRIKING FC

SB CRRNAV	1310	2	60315	9023	CP	60102	SACLANT FL
SB CRRNAV	1310	2	60335	9026	CP	60105	USCINCPAC
SB CRRNAV	1310	2	60345	9026	CP	60106	SPEC SUPT
SB CRRNAV	1310	2	60415	9026	CP	601F3	CINCSTRIKE
SB CRRNAV	1310	2	60435	9026	CP	60202	INTL COMD
SB CRRNAV	1310	2	60615	9070	CP	604C	HD STRAT FC
SB CRRNAV	1310	2	60660	9086	CP	604D2	TACT WARE
SB CRRNAV	1310	2	60845	9086	CP	605E1	AIRLIFT CB
SB CRRNAV	1310	2	61200	9042	CP	612C	AST HD P/F
SB CRRNAV	1310	2	63250	9042	CP	631D	AST FOR PAC
SB OFFICE OF COMPTROLLER	1310	2	10145	1025	STAFF		BUDGET REVIEW
SB OFF OF PROG APPRAISAL	1310	2	45125	9085	AST	CH SS * 0	DIV
SB OFF OF PROG APPRAISAL	1310	2	45130	9085	AST	CH SS * 0	DIV
SC JNT STF JNT CHIEF STF WASH	1310	2	00670	9085	STAFF	CPS OFF	E4020
SC JNT STF JNT CHIEF STF WASH	1310	2	00700	9085	MGR	GEN CPS DIV	E50
SC JNT STF JNT CHIEF STF WASH	1310	2	00550	9085	MGR	STRAT CPS DIV	E
SC JNT STF JNT CHIEF STF WASH	1310	2	01010	9051	CH	DATA/ANAL OFF	F1
SC JNT STF JNT CHIEF STF WASH	1310	2	01030	9051	MGR	CPABILITIES BR	
SC JNT STF JNT CHIEF STF WASH	1310	2	01040	9051	MGR	CPABILITIES BR	
SC JNT STF JNT CHIEF STF WASH	1310	2	01170	9051	MGR	AIMO BR	F503033
SC JNT STF JNT CHIEF STF WASH	1310	2	01370	9043	MGR	SYS ENG BR	H202
SC JNT STF JNT CHIEF STF WASH	1310	2	01860	9043	MGR	FU SYS BR	CSD H
SC JNT STF JNT CHIEF STF WASH	1310	2	01930	9043	MGR	E W BR	S/END HS
SC JNT STF JNT CHIEF STF WASH	1310	2	02390	9085	CPS	OFF	M113011
SC JNT STF JNT CHIEF STF WASH	1310	2	02540	9085	CPS	OFF	M113026
SC JNT STF JNT CHIEF STF WASH	1310	2	02545	9085	CPS	OFF	M113033
SC JNT STF JNT CHIEF STF WASH	1310	2	02570	9085	CPS	OFF	M114022
SC JNT STF JNT CHIEF STF WASH	1310	2	02620	9085	CPS	OFF	M232020
SC JNT STF JNT CHIEF STF WASH	1310	2	02660	9089	CPS	OFF	M233050
SC JNT STF JNT CHIEF STF WASH	1310	2	02910	9085	CPS	OFF	M462020
SC JNT STF JNT CHIEF STF WASH	1310	2	02930	9089	CPS	OFF	M463050
SC JNT STF JNT CHIEF STF WASH	1310	2	03250	9086	MGR	GAMING BR	01020
SC JNT STF JNT CHIEF STF WASH	1310	2	03260	9086	MGR	POL/MIL BR	0201
SC JNT STF JNT CHIEF STF WASH	1310	2	03290	9086	GAMING	BR	0302040
SC JNT STF JNT CHIEF STF WASH	1310	2	03340	9085	PROJ	OFF	P300030
SC JNT STF JNT CHIEF STF WASH	1310	2	04060	9085	CPS	OFF	T102010
SC JNT STF JNT CHIEF STF WASH	1310	2	04060	9085	CPS	OFF	T201020
SC DIV MIL APPLICATION OF AEC	1310	1	05120	9007	CM/AST	CH WEAPONS	D
SC DIV MIL APPLICATION OF AEC	1310	1	08110	9006	CH	NUCLEAR TEST/DOC	
SC OPERSTUDYGRP WASH	1310	2	00400	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	00400	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	00400	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	00400	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	00400	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	12700	2105	HD	INTL REL BR	
SC OPERSTUDYGRP WASH	1310	2	18800	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	50000	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	90000	9085	PROJ	OFF	
SC OPERSTUDYGRP WASH	1310	2	90000	9085	PROJ	OFF	
SC OFF SEC OF DEF	1310	2	03005	9085	NAV	MGR	SEA STUDIES
SC OFF SEC OF DEF	1310	2	04090	9018	CLD	GAP	ABR DECCO
SD DUFERS NAVDEPT	1310	2	00903	2012	SPEC	AST	LIA
SE DISTINTELAGENCY	1310	2	08302	9000	INTL	STF	OFF
SE DISTINTELAGENCY	1310	2	08132	9015	MIL	INTL	OFF

SE DEF INTEL AGENCY	1310	2	45144	9515	MIL INTEL OFF
SE DEF INTEL AGENCY	1310	2	45145	9515	MIL INTEL OFF
SE DEF INTEL AGENCY	1310	2	45151	9515	MIL INTEL OFF
SE DEF INTEL AGENCY	1310	2	45422	9515	MIL INT OFF PHY SEN
SE DEF INTEL AGENCY	1310	2	45423	9515	MIL INT OFF WEST EU
SE DEF INTEL AGENCY	1310	2	55103	2310	PROD RGHT OFF
SE DEF INTEL AGENCY	1310	2	55422	2310	TAR MAT PROG MGR
SE DEF INTEL AGENCY	1310	2	75102	8532	UNTEL OFF
SE DEF INTEL AGENCY	1310	2	75409	9515	AVIATOR
SE DEF INTEL AGENCY	1310	2	80122	9515	MIL INT OFF CPS * A
SE DEF INTEL AGENCY	1310	2	80513	9515	INT STF OFF
SE DEF INTEL AGENCY	1310	2	90533	9515	MIO CURR INT GRP
SE DEF INTEL AGENCY	1310	2	95134	9515	EXEC OFF SYS ANAL C
SE DEF INTEL AGENCY	1310	2	95145	9515	MIO WORLDWIDE GRP
SE DEF INTEL AGENCY	1310	2	95306	9515	MIO ESTIMATES GRP
SE DEF INTEL AGENCY	1310	2	95315	9570	MIO NAVY BR
SE DEF INTEL AGENCY	1310	2	95330	9515	CH TRANSPORT DIV
SE DEF INTEL AGENCY	1310	2	95417	9515	MIO SEASIA BR
SE DEF INTEL AGENCY	1310	2	95423	9570	CH ASIA PAC BR
SE DEF INTEL AGENCY	1310	2	95505	9515	MIO CCNT * COORD GR
SE DEF INTEL AGENCY	1310	2	95700	9515	DEP CH MIL SUPP RES
SE DEF INTEL AGENCY	1310	2	95730	9515	CH EVASION * ESCAPE
SE DEF INTEL AGENCY	1310	2	95815	9560	CH DATA BR
SE DEF INTEL AGENCY	1310	2	95821	6917	CH WEAP APPL BR
SE DEF INTEL AGENCY	1310	2	95924	8593	CH CCNT * COORD GRP
SE DEF INTEL AGENCY	1310	2	95933	8553	CH PHOTO LAB SVCS D
SI HQTRS NAVMATCOMD WASH	1310	2	00000	2155	PLNG COORD
SI HQTRS NAVMATCOMD WASH	1310	2	10200	5930	COMD CONTL OFF
SL NATL MIL COMDSYS SUPPCEN WASH	1310	2	13010	9005	CHIEF
SL NATL MIL COMDSYS SUPPCEN WASH	1310	2	30010	9005	CHIEF
SL DEF COMM AGY V HEMI AREA	1310	2	03010	9515	CHIEF PLN/CSJ
SL HQ NAVCOMINTCOMD WASH	1310	2	02125	9515	COMM SYS PLN GRU PL
TD COMPHIBTRALANT	1310	2	01350	9005	OPERATIONS
TN ARMY WAR COL CARLISLE PA	1310	2	00410	3270	MR FACULTY * STF
TN NAVAL WAR COLLEGE NEWPORT	1310	2	07100	3205	STUDY ADVISOR
TN NAVAL WAR COLLEGE NEWPORT	1310	2	07900	3205	COORD STRAT WAR GAM
TN NAVAL WAR COLLEGE NEWPORT	1310	2	09950	3215	PLANS OFF
TN NAVAL WAR COLLEGE NEWPORT	1310	2	10300	3205	HEAD INST TEAM
TN NAVAL WAR COLLEGE NEWPORT	1310	2	10500	3205	AST FOR MIL ORG
TN NAVAL WAR COLLEGE NEWPORT	1310	2	11500	3205	HD INST TEAM
TN NAVAL WAR COLLEGE NEWPORT	1310	2	11910	3205	AST FOR AIR ASW
TN NAVAL WAR COLLEGE NEWPORT	1310	2	12000	3270	HD CPS EVAL * RESEA
TN NAVAL WAR COLLEGE NEWPORT	1310	2	12700	3270	HD CPS * PROGRAMMIN
TN NAVAL WAR COLLEGE NEWPORT	1310	2	13400	3270	HD GAMING DEVEL DR
TN NAVAL WAR COLLEGE NEWPORT	1310	2	16300	3205	HD INTERNATIONAL AF
TO AF AIRCROPSCH BGLIN AFB	1310	2	00200	3270	USN LIAISON OFF
TO RYC NORFOLK	1310	2	00400	9215	DIR OPS * DEP TRN C
TO AAW YUCEN S DIEGO	1310	2	01200	9005	WEAPONS EMPLOYMENT
TO AAW TRACEN VA BEACH	1310	2	00200	9005	EXECUTIVE
TO FLTACHSCHOOL S DIEGO	1310	2	01700	3200	AIR ASW TRNG
TO COMSOLLANT NORVA	1310	2	00500	9005	DEPUTY DIRECTOR
TP AIR FORCE ACADEMY	1310	2	03110	3270	SR INST
TP NAVAL ACADEMY ANNAPOLIS	1310	2	03505	3270	HD UNRSHPMENT CH
TP NAVAL ACADEMY ANNAPOLIS	1310	2	04150	3205	HD SYS ENGINEERING
US AVIATRASCHOLECOND PRNS	1310	2	03100	3270	DIR OF TRNG

UC AIR MAINT TRAGRIP NAS MFS		1310	2	11100	3215	DIR OF TRNG
UC NATTC GLYNCO		1310	2	00200	9436	EXECUTIVE
UC NATTC JACKSONVILLE		1310	2	06110	3215	DIR OF TRNG
UC NATTC LAKEJURST		1310	2	01910	3290	DIR OF TRNG
UC NATTC MEMPHIS		1310	2	06100	3215	DIR OF TRNG
UC NATTU BENSACOLA		1310	2	00110	9321	COMMANDING
CA VA	12	1321	2	00200	8570	COMMANDING
CA VA	12	1321	2	00200	8572	EXECUTIVE
CA VA	15	1321	2	00100	8570	COMMANDING
CA VA	15	1321	2	00200	8572	EXECUTIVE
CA VA	34	1321	2	00100	8570	COMMANDING
CA VA	34	1321	2	00200	8572	EXECUTIVE
CA VA	36	1321	2	00100	8570	COMMANDING
CA VA	36	1321	2	00200	8572	EXECUTIVE
CA VA	38	1321	2	00100	8570	COMMANDING
CA VA	38	1321	2	00200	8572	EXECUTIVE
CA VA	64	1321	2	00100	8570	COMMANDING
CA VA	64	1321	2	00200	8572	EXECUTIVE
CA VA	72	1321	2	00100	8570	COMMANDING
CA VA	72	1321	2	00200	8572	EXECUTIVE
CA VA	81	1321	2	00100	8570	COMMANDING
CA VA	81	1321	2	00200	8572	EXECUTIVE
CA VA	83	1321	2	00100	8570	COMMANDING
CA VA	83	1321	2	00200	8572	EXECUTIVE
CA VA	106	1321	2	00100	8570	COMMANDING
CA VA	106	1321	2	00200	8572	EXECUTIVE
CA VA	172	1321	2	00100	8570	COMMANDING
CA VA	172	1321	2	00200	8572	EXECUTIVE
CB VA	22	1321	2	00100	8570	COMMANDING
CB VA	22	1321	2	00200	8572	EXECUTIVE
CB VA	23	1321	2	00100	8570	COMMANDING
CB VA	23	1321	2	00200	8572	EXECUTIVE
CB VA	55	1321	2	00100	8570	COMMANDING
CB VA	55	1321	2	00200	8572	EXECUTIVE
CB VA	56	1321	2	00100	8570	COMMANDING
CB VA	56	1321	2	00200	8572	EXECUTIVE
CB VA	76	1321	2	00100	8570	COMMANDING
CB VA	76	1321	2	00200	8572	EXECUTIVE
CB VA	93	1321	2	00100	8570	COMMANDING
CB VA	93	1321	2	00200	8572	EXECUTIVE
CB VA	94	1321	2	00100	8570	COMMANDING
CB VA	94	1321	2	00200	8572	EXECUTIVE
CB VA	95	1321	2	00100	8570	COMMANDING
CB VA	95	1321	2	00200	8572	EXECUTIVE
CB VA	112	1321	2	00100	8570	COMMANDING
CB VA	112	1321	2	00200	8572	EXECUTIVE
CB VA	113	1321	2	00100	8570	COMMANDING
CB VA	113	1321	2	00200	8572	EXECUTIVE
CB VA	144	1321	2	00100	8570	COMMANDING
CB VA	144	1321	2	00200	8572	EXECUTIVE
CB VA	152	1321	2	00100	8570	COMMANDING
CB VA	152	1321	2	00200	8572	EXECUTIVE
CB VA	153	1321	2	00100	8570	COMMANDING
CB VA	153	1321	2	00200	8572	EXECUTIVE

CH VA	117	1321	2	00100	0370	COMMANDING
CH VA	117	1321	2	00200	0372	EXECUTIVE
CH VA	146	1321	2	00100	0370	COMMANDING
CH VA	146	1321	2	00200	0372	EXECUTIVE
CH VA	147	1321	2	00100	0370	COMMANDING
CH VA	147	1321	2	00200	0372	EXECUTIVE
CH VA	215	1321	2	00100	0370	COMMANDING
CH VA	215	1321	2	00200	0372	EXECUTIVE
CI CRAW	1	1321	2	00200	9015	CHIEF STAFF
CI CRAW	1	1321	2	00600	9067	READINESS
CI RVAH	1	1321	2	00100	0370	COMMANDING
CI RVAH	1	1321	2	00200	0372	EXECUTIVE
CI RVAH	5	1321	2	00100	0370	COMMANDING
CI RVAH	5	1321	2	00200	0372	EXECUTIVE
CI RVAH	6	1321	2	00100	0370	COMMANDING
CI RVAH	6	1321	2	00200	0372	EXECUTIVE
CI RVAH	7	1321	2	00100	0370	COMMANDING
CI RVAH	7	1321	2	00200	0372	EXECUTIVE
CI RVAH	9	1321	2	00100	0370	COMMANDING
CI RVAH	9	1321	2	00200	0372	EXECUTIVE
CI RVAH	11	1321	2	00100	0370	COMMANDING
CI RVAH	11	1321	2	00200	0372	EXECUTIVE
CI RVAH	12	1321	2	00100	0370	COMMANDING
CI RVAH	12	1321	2	00200	0372	EXECUTIVE
CI RVAH	13	1321	2	00100	0370	COMMANDING
CI RVAH	13	1321	2	00200	0372	EXECUTIVE
CI RVAH	14	1321	2	00200	0372	EXECUTIVE
CI RVAH	14	1321	2	00100	0370	COMMANDING
CI RVAH	15	1321	2	00100	0370	COMMANDING
CI RVAH	15	1321	2	00200	0372	EXECUTIVE
CJ VAH	2	1321	2	00100	0370	COMMANDING
CJ VAH	2	1321	2	00200	0372	EXECUTIVE
CJ VAH	4	1321	2	00100	0370	COMMANDING
CJ VAH	4	1321	2	00200	0372	EXECUTIVE
CJ VAH	8	1321	2	00100	0370	COMMANDING
CJ VAH	8	1321	2	00200	0372	EXECUTIVE
CJ VAH	10	1321	2	00100	0370	COMMANDING
CJ VAH	10	1321	2	00200	0372	EXECUTIVE
CK VF	11	1321	2	00100	0370	COMMANDING
CK VF	11	1321	2	00200	0372	EXECUTIVE
CK VF	14	1321	2	00100	0370	COMMANDING
CK VF	14	1321	2	00200	0372	EXECUTIVE
CK VF	31	1321	2	00100	0370	COMMANDING
CK VF	31	1321	2	00200	0372	EXECUTIVE
CK VF	32	1321	2	00100	0370	COMMANDING
CK VF	32	1321	2	00200	0372	EXECUTIVE
CK VF	33	1321	2	00100	0370	COMMANDING
CK VF	33	1321	2	00200	0372	EXECUTIVE
CK VF	41	1321	2	00100	0370	COMMANDING
CK VF	41	1321	2	00200	0372	EXECUTIVE
CK VF	74	1321	2	00100	0370	COMMANDING
CK VF	74	1321	2	00200	0372	EXECUTIVE
CK VF	84	1321	2	00100	0370	COMMANDING
CK VF	84	1321	2	00200	0372	EXECUTIVE

CK VF	103	1321	2	00100	8570	COMMANDING
CK VF	103	1321	2	00200	8572	EXECUTIVE
CK VF	102	1321	2	00100	8570	COMMANDING
CK VF	102	1321	2	00200	8572	EXECUTIVE
CL VF	21	1321	2	00100	8570	COMMANDING
CL VF	21	1321	2	00200	8572	EXECUTIVE
CL VF	92	1321	2	00100	8570	COMMANDING
CL VF	92	1321	2	00200	8572	EXECUTIVE
CL VF	96	1321	2	00100	8570	COMMANDING
CL VF	96	1321	2	00200	8572	EXECUTIVE
CL VF	114	1321	2	00100	8570	COMMANDING
CL VF	114	1321	2	00200	8572	EXECUTIVE
CL VF	142	1321	2	00100	8570	COMMANDING
CL VF	142	1321	2	00200	8572	EXECUTIVE
CL VF	143	1321	2	00100	8570	COMMANDING
CL VF	143	1321	2	00200	8572	EXECUTIVE
CL VF	151	1321	2	00100	8570	COMMANDING
CL VF	151	1321	2	00200	8572	EXECUTIVE
CL VF	154	1321	2	00100	8570	COMMANDING
CL VF	154	1321	2	00200	8572	EXECUTIVE
CL VF	161	1321	2	00100	8570	COMMANDING
CL VF	161	1321	2	00200	8572	EXECUTIVE
CL VF	213	1321	2	00100	8570	COMMANDING
CL VF	213	1321	2	00200	8572	EXECUTIVE
CN VF	13	1321	2	00100	8570	COMMANDING
CN VF	13	1321	2	00200	8572	EXECUTIVE
CN VF	62	1321	2	00100	8570	COMMANDING
CN VF	62	1321	2	00200	8572	EXECUTIVE
CN VF	24	1321	2	00100	8570	COMMANDING
CN VF	24	1321	2	00200	8572	EXECUTIVE
CN VF	51	1321	2	00100	8570	COMMANDING
CN VF	51	1321	2	00200	8572	EXECUTIVE
CN VF	53	1321	2	00100	8570	COMMANDING
CN VF	53	1321	2	00200	8572	EXECUTIVE
CN VF	111	1321	2	00100	8570	COMMANDING
CN VF	111	1321	2	00200	8572	EXECUTIVE
CN VF	162	1321	2	00100	8570	COMMANDING
CN VF	162	1321	2	00200	8572	EXECUTIVE
CN VF	191	1321	2	00100	8570	COMMANDING
CN VF	191	1321	2	00200	8572	EXECUTIVE
CN VF	194	1321	2	00100	8570	COMMANDING
CN VF	194	1321	2	00200	8572	EXECUTIVE
CN VF	211	1321	2	00100	8570	COMMANDING
CN VF	211	1321	2	00200	8572	EXECUTIVE
CO VFP	62	1321	2	10000	8570	COMMANDING
CO VFP	62	1321	2	10500	8572	EXECUTIVE
CP VFP	63	1321	2	00100	8570	COMMANDING
CP VFP	63	1321	2	00200	8572	EXECUTIVE
CW VAP	62	1321	2	00100	8570	COMMANDING
CW VAP	62	1321	2	00200	8572	EXECUTIVE
CX VAP	61	1321	2	00100	8570	COMMANDING
CX VAP	61	1321	2	00200	8572	EXECUTIVE
DA VAV	33	1321	2	00100	8570	COMMANDING
DA VAV	33	1321	2	00200	8572	EXECUTIVE
DA VAV	13	1321	2	00100	8570	COMMANDING

DA VAW	13	1321	2	00200	8572	EXECUTIVE
DA VAW	13	1321	2	01600	8580	OPERATIONS
DE VQ	2	1321	2	00100	8570	COMMANDING
DE VQ	2	1321	2	02400	8580	OPERATIONS
CF VQ	1	1321	2	03200	8572	EXECUTIVE
DI VRF	31	1321	2	00100	8570	COMMANDING
DI VRF	32	1321	2	00100	8570	COMMANDING
CL VX	4	1321	2	10000	8570	COMMANDING
CL VX	5	1321	2	01000	2180	PROJ DIRECTOR
DM VC	8	1321	2	00100	8570	COMMANDING
DM VC	10	1321	2	00100	8570	COMMANDING
DN VC	2	1321	2	00100	8570	COMMANDING
DN VC	4	1321	2	00100	8570	COMMANDING
DO VC	1	1321	2	00100	8570	COMMANDING
DO VC	7	1321	2	00100	8570	COMMANDING
HA COM SIXTHFLT		1320	2	02710	9053	AIR WARFARE
HA COM SIXTHFLT		1320	2	03750	9065	FLT READ/EX PLNS)
HA COM SIXTHFLT		1320	2	03920	9065	WAR READ PROJ
HA COM SECONDFLT		1320	2	04710	9037	AST PLANS NATL
HB COM FIRSTFLT		1320	2	01700	8605	AIR WARF
HB COM FIRSTFLT		1320	2	01900	9057	AAW
HB COM SEVENTHFLT		1320	2	03310	8655	AIR WARF
HC CONCARDIV 2		1320	2	13000	9065	AIR OPS
HC CONCARDIV 2		1320	2	15500	9065	PLANS
HC CONCARDIV 2		1320	2	16500	9042	CIC
HC CONCARDIV 4		1320	2	13000	9065	AIR OPS
HC CONCARDIV 4		1320	2	15500	9065	PLANS
HC CONCARDIV 4		1320	2	16500	9042	CIC
HC CONCARDIV 6		1320	2	13000	9065	AIR OPS
HC CONCARDIV 6		1320	2	15500	9065	PLANS
HC CONCARDIV 6		1320	2	16500	9042	CIC
HD CONCARDIV 1		1320	2	02200	9065	AST OPS
HD CONCARDIV 1		1320	2	02300	8685	AIR OPS
HD CONCARDIV 1		1320	2	02600	9068	AIR WARF
HD CONCARDIV 1		1320	2	02800	9042	CIC
HD CONCARDIV 3		1320	2	02200	9065	AST OPS
HD CONCARDIV 3		1320	2	02300	8685	AIR OPS
HD CONCARDIV 3		1320	2	02600	9068	AIR WARF
HD CONCARDIV 3		1320	2	02800	9042	CIC
HD CONCARDIV 5		1320	2	00900	9063	AIR STRIKE WARF
HD CONCARDIV 5		1320	2	00900	9053	WEAPONS CFF
HD CONCARDIV 5		1320	2	01100	8585	SURE OPS
HD CONCARDIV 5		1320	2	01200	9042	CIC
HD CONCARDIV 7		1320	2	02200	9065	AST OPS
HD CONCARDIV 7		1320	2	02300	8685	AIR OPS
HD CONCARDIV 7		1320	2	02400	9068	AIR WARF
HD CONCARDIV 7		1320	2	02800	9042	CIC
HD CONCARDIV 9		1320	2	02200	9065	AST OPS
HD CONCARDIV 9		1320	2	02300	8685	AIR OPS
HD CONCARDIV 9		1320	2	02600	9068	AIR WARF
HD CONCARDIV 9		1320	2	02800	9042	CIC
HE CONCARDIV 14		1320	2	15500	9042	AST OPS+AIR+CIC
IA COM CVJ 1		1320	2	00100	8585	COMMANDER
IA COM CVJ 3		1320	2	00100	8585	COMMANDER

IA CCM CVW 6	1320	2	00100	8395	COMMANDER
IA CCM CVW 7	1320	2	00100	8395	COMMANDER
IA CCM CVW 8	1320	2	00100	8395	COMMANDER
IA CCM CVW 10	1320	2	00100	8395	COMMANDER
IB CCM CVW 2	1320	2	00100	8395	COMMANDER
IB CCM CVW 5	1320	2	00100	8395	COMMANDER
IB CCM CVW 9	1320	2	00100	8395	COMMANDER
IB CCM CVW 11	1320	2	00100	8395	COMMANDER
IB CCM CVW 14	1320	2	00100	8395	COMMANDER
IB CCM CVW 15	1320	2	00100	8395	COMMANDER
IB CCM CVW 16	1320	2	00100	8395	COMMANDER
IB CCM CVW 19	1320	2	00100	8395	COMMANDER
IB CCM CVW 21	1320	2	00100	8395	COMMANDER
JA COMFAIR ALAMEDA	1320	2	01800	9003	A4 TRNG
JA COMFAIRJAX	1320	2	02900	8385	CPS
JA COMFAIR MIRAMAR	1320	2	01700	8385	CPS/READINESS OFF
JA COMFAIR MIRAMAR	1320	2	01800	9003	READ TRNG
JA COMFAIR NORVA	1320	2	01700	8385	CPS
JA COMFAIR NORVA	1320	2	02100	8385	FAC SERVICES/VCOAC
JA COMFAIR WHIDBY	1320	2	02210	9003	AST OPS VAW READ/TRNG
JC COMNAVAIRPAC	1320	2	05600	3217	CVW TRNG
JC COMNAVAIRPAC	1320	2	05700	3217	VF/VFP TRNG
JC COMNAVAIRPAC	1320	2	05800	3217	VAL TRNG
JC COMNAVAIRPAC	1320	2	05900	3217	VA/VAP TRNG
J1 COMPHIELANT	1320	2	03900	9065	AST PLANS
J1 COMPHIEPAC	1320	2	03950	8972	FORCE AIR
J4 CCM CVW 4	1320	2	01000	8005	CPS) TRNG
J4 CCM CVW 12	1320	2	02110	9065	CPS) TRNG
J0 CINAVANTRA	1320	2	33040	3215	ADV JET TRNG
JP JINTSTRATTGTPLAN STAFF	1320	2	20100	9065	DEP CH RECON BR
J0 HCCOMAD	1320	2	22150	9065	FTR INCP OPS OFF
JU CNART NAS GLENVIEW	1321	2	07000	3215	VA/VF TRNG
JU CNART NAS GLENVIEW	1321	2	07050	3215	AST VA/VF TRNG
LA CINCPACFLT	1320	2	00785	9080	HD TARGET INTEL SEC
LA CINCPACFLT	1320	2	01330	9080	AST STRIKE FOR
LA CINCPACFLT	1320	2	01550	8985	AIR OPS-CARRIER BASE
LB COMFAIRMED	1320	2	01900	8685	AST OPS
LB COMFAIRCARIB	1320	2	00200	8285	CPS TRG
LK CINCUSMAVEUR/COM EASTLANT	1320	2	12400	8985	AST FOR CARRIER/SP
LK CINCUSMAVEUR/COM EASTLANT	1320	2	32400	9080	AST SP PLANS +STRIKE
MD HAS CUBI PT	1320	2	01710	8683	OPERATIONS
ND NAVACTS SPAIN	1320	2	00300	8005	OPERATIONS
OA VA-42	1321	2	00200	8370	COMMANDING
OA VA-43	1321	2	00100	8370	COMMANDING
OA VA-44	1321	2	00100	8370	COMMANDING
OA VA-45	1321	2	00100	8370	COMMANDING
OA VA-174	1321	2	00100	8370	COMMANDING
OA VA-101	1321	2	00100	8370	COMMANDING
OB VA-123	1321	2	00200	8370	COMMANDING
OB VA-122	1321	2	00100	8370	COMMANDING
OB VA-125	1321	2	00100	8370	COMMANDING
OB VA-127	1321	2	00100	8370	COMMANDING
OB VA-123	1321	2	00100	8370	COMMANDING
OB VA-121	1321	2	00200	8370	COMMANDING

OB VF+124		1321	2	00100	0370	COMMANDING
OB VF+126		1321	2	00100	0370	COMMANDING
OJ VT+4		1321	2	00100	0370	COMMANDING
OJ VT+4		1321	2	00200	0372	EXEC
OJ VT+7		1321	2	00100	0370	COMMANDING
OJ VT+7		1321	2	00200	0372	EXEC
OJ VT+9		1321	2	00100	0370	COMMANDING
OJ VT+9		1321	2	00200	0372	EXEC
OK VT+21		1321	2	01010	0370	COMMANDING
OK VT+21		1321	2	01110	0372	EXEC
OK VT+22		1321	2	11010	0370	COMMANDING
OK VT+22		1321	2	11110	0372	EXEC
OK VT+23		1321	2	11010	0370	COMMANDING
OK VT+23		1321	2	11110	0372	EXEC
OK VT+24		1321	2	11010	0370	COMMANDING
OK VT+24		1321	2	11110	0372	EXEC
OK VT+25		1321	2	11010	0370	COMMANDING
OK VT+25		1321	2	11110	0372	EXEC
OK VT+26		1321	2	00100	0370	COMMANDING
OK VT+26		1321	2	00200	0372	EXEC
OD COMOPTEVFOR		1320	2	01700	9065	AIR OPS + PLANS
OL NAVAEROSPACE RECOVFAC		1321	2	00110	9421	COMMANDING
OL NATC PATUXENT RIV		1321	2	01250	0503	PROG MANAGER
OL NATC PATUXENT RIV		1321	2	01250	0503	PROG MANAGER
OL NATC PATUXENT RIV		1321	2	01250	0503	PROG MANAGER
OL NATC PATUXENT RIV		1321	2	01250	0503	PROG MANAGER
OL NATC PATUXENT RIV		1321	2	01530	0503	CH PROJECTS OFF
OL NATC PATUXENT RIV		1321	2	01035	0550	ANTI AIR WARFARE BR
OL NATC PATUXENT RIV		1321	2	02120	0503	ATTACK BR HD
OL NATC PATUXENT RIV		1321	2	11810	0503	AST DIRECTOR
OL NATC PATUXENT RIV		1321	2	11910	0503	CH PROJ FLT TEST
OL NATC PATUXENT RIV		1321	2	17310	0503	AST DIR SERV TEST
OL NATC PATUXENT RIV		1321	2	17510	0503	CH PROJ SERV TEST
OL NATC PATUXENT RIV		1321	2	17910	0503	HD STRIKE WARFARE BR
OL NATC PATUXENT RIV		1321	2	18610	0503	HD ANTI AIR WARFARE BR
OL NAVHIS/GEN PT MUGU		1321	2	02300	2100	SPACE/ SW PROG OFF
OL NAVWARPEN CHINA LAKE		1321	2	07710	6948	MIL AST OPER ANA
OL PER DET JOHNSON		1320	2	01300	6721	SR PROJ OFF
OS NAVWARPSEVALFACKIRKAFB		1321	2	00300	6917	DIR OF PROJECTS
OS NAVWARPSEVALFACKIRKAFB		1321	2	03300	8210	AIRCRAFT PROJECTS
SB OPNAV		1320	2	50740	6962	OP 508E1 RA/SC PROG
SB OPNAV		1320	2	72220	2125	OP 72201 AST FOR ATK
SC OPERSTUDYGRP WASH		1320	2	12300	2155	HD STRIKE WF BR
SC OPERSTUDYGRP WASH		1320	2	12500	2155	HD ASTRONAUT BR
TH NAVAL WAR COLLEGE NEWPORT		1320	2	09000	3265	STUDY ADV STRIKE
TH NAVAL WAR COLLEGE NEWPORT		1320	2	11000	3205	AST FOR AIR OPS WF/V
TH NAVAL WAR COLLEGE NEWPORT		1320	2	11700	3205	AST FOR STRIKE WF
TH NAVAL WAR COLLEGE NEWPORT		1320	2	10700	3270	AST FOR AIR OPS STR
CU VP	5	1331	2	00100	0370	COMMANDING
CU VP	5	1331	2	00200	0372	EXECUTIVE
CU VP	7	1331	2	00100	0370	COMMANDING
CU VP	7	1331	2	00200	0372	EXECUTIVE
CU VP	8	1331	2	00100	0370	COMMANDING
CU VP	8	1331	2	00200	0372	EXECUTIVE

CU VP	10	1331	2	00100	8570	COMMANDING
CU VP	10	1331	2	00200	8572	EXECUTIVE
CU VP	11	1331	2	00100	8570	COMMANDING
CU VP	11	1331	2	00200	8572	EXECUTIVE
CU VP	16	1331	2	00100	8570	COMMANDING
CU VP	16	1331	2	00200	8572	EXECUTIVE
CU VP	18	1331	2	00100	8570	COMMANDING
CU VP	18	1331	2	00200	8572	EXECUTIVE
CU VP	21	1331	2	00100	8570	COMMANDING
CU VP	21	1331	2	00200	8572	EXECUTIVE
CU VP	23	1331	2	00100	8570	COMMANDING
CU VP	23	1331	2	00200	8572	EXECUTIVE
CU VP	24	1331	2	00100	8570	COMMANDING
CU VP	24	1331	2	00200	8572	EXECUTIVE
CU VP	26	1331	2	00100	8570	COMMANDING
CU VP	26	1331	2	00200	8572	EXECUTIVE
CU VP	44	1331	2	00100	8570	COMMANDING
CU VP	44	1331	2	00200	8572	EXECUTIVE
CU VP	45	1331	2	00100	8570	COMMANDING
CU VP	45	1331	2	00200	8572	EXECUTIVE
CU VP	49	1331	2	00100	8570	COMMANDING
CU VP	49	1331	2	00200	8572	EXECUTIVE
CU VP	56	1331	2	00100	8570	COMMANDING
CU VP	56	1331	2	00200	8572	EXECUTIVE
CV VO	67	1331	2	80000	8570	COMMANDING
CV VO	67	1331	2	80100	8572	EXECUTIVE
CV VP	1	1331	2	00100	8570	COMMANDING
CV VP	1	1331	2	00200	8572	EXECUTIVE
CV VP	2	1331	2	00100	8570	COMMANDING
CV VP	2	1331	2	00200	8572	EXECUTIVE
CV VP	4	1331	2	00100	8570	COMMANDING
CV VP	4	1331	2	00200	8572	EXECUTIVE
CV VP	6	1331	2	00100	8570	COMMANDING
CV VP	6	1331	2	00200	8572	EXECUTIVE
CV VP	9	1331	2	00100	8570	COMMANDING
CV VP	9	1331	2	00200	8572	EXECUTIVE
CV VP	17	1331	2	00100	8570	COMMANDING
CV VP	17	1331	2	00200	8572	EXECUTIVE
CV VP	19	1331	2	00100	8570	COMMANDING
CV VP	19	1331	2	00200	8572	EXECUTIVE
CV VP	22	1331	2	00100	8570	COMMANDING
CV VP	22	1331	2	00200	8572	EXECUTIVE
CV VP	28	1331	2	00100	8570	COMMANDING
CV VP	28	1331	2	00200	8572	EXECUTIVE
CV VP	40	1331	2	00100	8570	COMMANDING
CV VP	40	1331	2	00200	8572	EXECUTIVE
CV VP	42	1331	2	00100	8570	COMMANDING
CV VP	42	1331	2	00200	8572	EXECUTIVE
CV VP	46	1331	2	00100	8570	COMMANDING
CV VP	46	1331	2	00200	8572	EXECUTIVE
CV VP	47	1331	2	00100	8570	COMMANDING
CV VP	47	1331	2	00200	8572	EXECUTIVE
CV VP	48	1331	2	00100	8570	COMMANDING
CV VP	48	1331	2	00200	8572	EXECUTIVE
CV VP	50	1331	2	00100	8570	COMMANDING

CV VP	50	1331	2	00200	8672	EXECUTIVE
CY VS	22	1331	2	00100	8670	COMMANDING
CY VS	22	1331	2	00200	8672	EXECUTIVE
CY VS	24	1331	2	00100	8670	COMMANDING
CY VS	24	1331	2	00200	8672	EXECUTIVE
CY VS	27	1331	2	00100	8670	COMMANDING
CY VS	27	1331	2	00200	8672	EXECUTIVE
CY VS	28	1331	2	00100	8670	COMMANDING
CY VS	28	1331	2	00200	8672	EXECUTIVE
CY VS	31	1331	2	00100	8670	COMMANDING
CY VS	31	1331	2	00200	8672	EXECUTIVE
CY VS	32	1331	2	00100	8670	COMMANDING
CY VS	32	1331	2	00200	8672	EXECUTIVE
CY VS	34	1331	2	00100	8670	COMMANDING
CY VS	34	1331	2	00200	8672	EXECUTIVE
CY VS	39	1331	2	00100	8670	COMMANDING
CY VS	39	1331	2	00200	8672	EXECUTIVE
CZ VS	21	1331	2	00100	8670	COMMANDING
CZ VS	21	1331	2	00200	8672	EXECUTIVE
CZ VS	23	1331	2	00100	8670	COMMANDING
CZ VS	23	1331	2	00200	8672	EXECUTIVE
CZ VS	25	1331	2	00100	8670	COMMANDING
CZ VS	25	1331	2	00200	8672	EXECUTIVE
CZ VS	29	1331	2	00100	8670	COMMANDING
CZ VS	29	1331	2	00200	8672	EXECUTIVE
CZ VS	33	1331	2	00100	8670	COMMANDING
CZ VS	33	1331	2	00200	8672	EXECUTIVE
CZ VS	35	1331	2	00100	8670	COMMANDING
CZ VS	35	1331	2	00200	8672	EXECUTIVE
CZ VS	37	1331	2	00100	8670	COMMANDING
CZ VS	37	1331	2	00200	8672	EXECUTIVE
CZ VS	38	1331	2	00100	8670	COMMANDING
CZ VS	38	1331	2	00200	8672	EXECUTIVE
DC VAW	120	1331	2	00010	8670	COMMANDING
DC VAW	120	1331	2	00020	8672	EXECUTIVE
DC VAW	121	1331	2	00100	8670	COMMANDING
DC VAW	121	1331	2	00200	8672	EXECUTIVE
DC VAW	122	1331	2	00010	8670	COMMANDING
DC VAW	123	1331	2	00010	8670	COMMANDING
DC VAW	124	1331	2	00010	8670	COMMANDING
DC VAW	125	1331	2	00010	8670	COMMANDING
DC VAW	126	1331	2	00010	8670	COMMANDING
DD VAW	111	1331	2	01000	8670	COMMANDING
DD VAW	111	1331	2	01100	8672	EXECUTIVE
DD VAW	112	1331	2	00010	8670	COMMANDING
DD VAW	113	1331	2	00010	8670	COMMANDING
DD VAW	114	1331	2	00010	8670	COMMANDING
DD VAW	115	1331	2	00010	8670	COMMANDING
DD VAW	116	1331	2	00010	8670	COMMANDING
DE VQ	2	1331	2	00200	8672	EXECUTIVE
DF VQ	1	1331	2	01900	8690	OPERATIONS
DG VRC	30	1331	2	00100	8670	COMMANDING
DG VRC	40	1331	2	00100	8670	COMMANDING
DH VRC	50	1331	2	00100	8670	COMMANDING

DJ VW	1	1331	2	00100	8670	COMMANDING
DJ VW	1	1331	2	00200	8672	EXECUTIVE
DJ VW	4	1331	2	00100	8670	COMMANDING
DJ VW	4	1331	2	00200	8672	EXECUTIVE
DK VX	6	1331	2	00100	8670	COMMANDING
DK VX	6	1331	2	00200	8672	EXECUTIVE
DK VX	8	1331	2	00100	8670	COMMANDING
DK VX	8	1331	2	00200	8672	EXECUTIVE
CL VX	1	1331	2	00500	8680	OPERATIONS
CL VX	1	1331	2	01000	2105	EVALUATION
CL VX	1	1331	2	01300	2107	HEAD SYSTEMS
DM VC	5	1331	2	00100	8670	COMMANDING
DN VC	6	1331	2	00100	8670	COMMANDING
DO VC	3	1331	2	00100	8670	COMMANDING
EA CTF 43 COMNAVSUPFORANTARC		1330	2	01400	9087	PLANS
EA CTF 43 COMNAVSUPFORANTARC		1330	2	01710	9088	AIR OPS
HA COM SIXTHFLT		1330	2	02750	8685	CONVENTIONAL
HB COM SEVENTHFLT		1330	2	04010	9046	ELEC WARF
HB COM SEVENTHFLT		1330	2	85510	9064	PATROL) MINE
HE COMCARDIV 16		1330	2	15500	9042	AST OPS+AIR+C
HE COMCARDIV 20		1330	2	15500	9042	AST OPS+AIR+C
HF ASW GROUP 1		1330	2	02200	8685	AIR OPS
HF ASW GROUP 1		1330	2	02500	9042	CIC
HF ASW GROUP 3		1330	2	02200	8685	AIR OPS
HF ASW GROUP 3		1330	2	02500	9042	CIC
HF ASW GROUP 5		1330	2	02200	8685	AIR OPS
HF ASW GROUP 5		1330	2	02500	9042	CIC
IC COM CVSG 52		1330	2	00100	8695	COMMANDER
IC COM CVSG 54		1330	2	00100	8695	COMMANDER
IC COM CVSG 56		1330	2	00100	8695	COMMANDER
IC COM CVSG 60		1330	2	00100	8695	COMMANDER
ID COM CVSG 53		1330	2	00100	8695	COMMANDER
ID COM CVSG 55		1330	2	00100	8695	COMMANDER
ID COM CVSG 57		1330	2	00100	8695	COMMANDER
ID COM CVSG 59		1330	2	00100	8695	COMMANDER
JA COMFAIR ALAMEDA		1330	2	02100	9063	A1/A7 TRNG
JA COMFAIR JAX		1330	2	05000	9040	ASW
JA COMFAIR KEY WEST		1330	2	00600	9067	ACOS READINESS
JA COMFAIR QUONSET		1330	2	01700	8685	OPS
JA COMFAIR QUONSET		1330	2	06200	9040	AIR ASW OPS
JA COMFAIR SDIEGO		1330	2	03200	9063	VAW READ/TRNG
JA COMFAIR SDIEGO		1330	2	03300	9076	VS READ/TRNG
JA COMFAIR SDIEGO		1330	2	04300	9065	OPS/PLANS/AIR
JA COM FAW 3		1330	2	01200	8685	OPS
JA COM FAW 3		1330	2	02700	3290	TRNG
JA COM FAWSLANT/COM FAW 5		1330	2	17000	8685	OPS
JA COM FAWSLANT/COM FAW 5		1330	2	20500	9065	PLANS
JA COM FAW 11		1330	2	18500	8685	OPS/PLANS
JA COMFAWSPAC/COMFAIRMOFFETT		1330	2	02800	9063	READINESS
JA COMFAWSPAC/COMFAIRMOFFETT		1330	2	03000	9063	PILOT/AIRCREW
JA COMFAWSPAC/COMFAIRMOFFETT		1330	2	03400	9087	PLANS
JB COMASWFORLANT		1330	2	03410	9045	COMAND CPOCN
JB COMASWFORLANT		1330	2	03410	9045	COMAND CPOCN
JB COMASWFORLANT		1330	2	03110	9063	VP TACT/DOC
JB COMASWFORLANT		1330	2	03210	9063	VS TACT/DOC

JB COMASWFORLANT	1330	2	05710	9057	AIR WPNS SYS
JC COMNAVAIRPAC	1330	2	06100	3217	VP/VR/VW TRNG
JC COMNAVAIRPAC	1330	2	06300	3217	CVSG/VS/HS TRNG
JF COMCRUDESANT	1330	2	03500	9075	AIR/ASW/STAFF AV
JM COM CVSG 50	1330	2	00100	8395	COMMANDER
JM COM CVSG 51	1330	2	00100	8395	COMMANDER
JO CNAVANTRA	1330	2	34310	3215	ADV PROP TRNG
JQ HQTRS MAC SCOTT AFB	1330	2	00100	8653	SNDRMAC LIA
JR COMKEYWESTFOR	1330	2	03400	9065	AIR OPS
JU CNART NAS GLENVIEW	1330	2	06450	3215	COMFAIRWINGS PAC RE
JU CNART NAS GLENVIEW	1330	2	06460	3215	COMFAIRWINGS LANT RE
JU CNART NAS GLENVIEW	1330	2	25100	9087	ASW LIA ASWFORPAC
JU CNART NAS GLENVIEW	1330	2	25500	9087	ASW LIA ASWFORLANT
JU CNART NAS GLENVIEW	1330	2	25700	9087	ASW LIA COMFAIRGUON
JU CNART NAS GLENVIEW	1331	2	06900	3215	ASW COORD
JU CNART NAS GLENVIEW	1331	2	07200	3215	VP ASW TRNG
JU CNART NAS GLENVIEW	1331	2	07300	3215	VS ASW TRNG
LA COMASWFORPAC	1330	2	03400	9053	AIR TACT/MATL
LA COMASWFORPAC	1330	2	06100	9038	TECH DIR
LA CINCPACFLT	1330	2	01430	9046	AST ELECT WARE AIR
LB COMFAIR HAWAII	1330	2	02500	9040	ASW TRNG
LB COMFAW 2	1330	2	00310	8685	OPS/PLANS
LB COMFAW 2	1330	2	00410	9068	READ/TRNG
LB COMFAW 6	1330	2	00310	8685	OPS/PLANS
LB COMFAW 6	1330	2	00340	9068	READ/TRNG
LC COMSOLANT	1330	2	02010	9065	PLANS
LI USNAVTRACOMD MOROCCO	1332	2	01380	8683	OPS
LK CINCSNAVEUR/COMSEANTLANT	1330	2	12600	8605	AST FOR PATROL/TRAN
LK ICELAND DEFCR	1330	2	02020	9065	OPS OFF
LK USTAIWAN DEFCOMD	1332	2	22010	9000	CH CURR INTEL
LL COMALASKANSEAFRONTIER	1330	2	01380	9065	1+OPERATIONS
LL COMCARIBSEAFRONTIER	1330	2	03100	8685	1+AIR OPS
LM ATTACHE BURMA	1331	2	11110	9035	NAVAL ATTACHE RANGO
LM ATTACHE GERMANY	1331	2	31210	9035	ASST NAV ATTACHE GC
LM ATTACHE ITALY	1330	2	45110	9035	ASST NAV ATTACHE RC
LM ATTACHE REP S AFRICA	1331	2	51110	9035	NAV ATT ERETOTIA
LM ATTACHE YUGOSLAVIA	1331	2	95010	9035	NAV ATT BELGRAD
LQ MAAG ITALY	1330	2	05020	9060	AVN OFF
LQ MAAG JAPAN	1330	2	03020	1045	MIL RENTS) MAS OFF
LQ MAAG JAPAN	1330	2	06020	0950	GENS) PROG OFF
MD NAF LAJES AZORES	1331	2	00210	9421	COMASDU COMFAIR AZO
MD NAF HILDENHALL	1332	2	00100	9421	COMMANDING
MD NS BERMUDA	1331	2	04210	8683	OPS+ASDU C/S C
OC VS+30	1331	2	00100	8370	COMMANDING
OD VS+41	1331	2	00100	8370	COMMANDING
OE RVAN+110	1331	2	01000	8370	COMMANDING
OG VP+30	1331	2	00100	8370	COMMANDING
OH VP+31	1331	2	00100	8370	COMMANDING
OI AIRLOG CONT OFF ATLANT	1330	2	01000	8624	O IN C
OJ VT+1	1331	2	10110	8370	COMMANDING
OJ VT+1	1331	2	10210	8372	EXEC
OJ VT+2	1331	2	10110	8370	COMMANDING
OJ VT+2	1331	2	10210	8372	EXECUTIVE
OJ VT+3	1331	2	10110	8370	COMMANDING

OJ VT+3		1331	2	10210	8672	EXECUTIVE
OJ VT+5		1331	2	10110	8670	COMMANDING
OJ VT+5		1331	2	10210	8672	EXEC
OJ VT+6		1331	2	11010	8670	COMMANDING
OJ VT+6		1331	2	11110	8672	EXEC
OK VT+27		1331	2	00200	8670	COMMANDING
OK VT+27		1331	2	00300	8672	EXEC
OK VT+28		1331	2	00200	8670	COMMANDING
OK VT+28		1331	2	00300	8672	EXEC
OK VT+29		1331	2	00100	8670	COMMANDING
OK VT+29		1331	2	00200	8672	EXEC
OK VT+31		1331	2	00200	8670	COMMANDING
OK VT+31		1331	2	00300	8672	EXEC
QD PACELEM OPSEVALFORSTF		1330	2	12200	9015	AST COS PAC OPS
QL NATC PATUXENT RIV		1331	2	01435	8666	AST DIR WEAPONS
QL NATC PATUXENT RIV		1331	2	03120	8668	ASW BR HEAD
QL NATC PATUXENT RIV		1331	2	04112	8663	ANEW PROJ OFF
QL NATC PATUXENT RIV		1331	2	19210	8663	HD ASW BR
QL NAVMISLCEN PT MUGU		1330	2	05200	8660	OPS COORD OFF
QL NAVMISLCEN PT MUGU		1330	2	08100	8970	E W OPS DIR
QL PBR REP LANT MSL RANGE		1331	2	10000	6275	PBR LIAISON OFF
QL PBR REP AFWTR VANDEN AFB		1331	2	11000	6275	PBR LIAISON OFF
QL PBR FAC HAWAII AR		1331	2	00810	8664	OPS OFF
QL PBR FAC HAWAII AR		1331	2	02210	6275	OINC PBRF BACKING
TN ARMED FOR STF COL NB NORVA		1330	2	17008	3235	FACULTY ADV/ASW OPS
UA FAETULANT		1330	2	00200	9435	EXECUTIVE
UA FAETULANT		1330	2	01300	3215	DIRECTOR OF TRAINING
UA FAETULANT		1330	2	02100	3290	ASW TRNG
UA FAETUPAC		1330	2	00200	9435	EXECUTIVE
UA FAETUPAC		1330	2	01400	3290	SUPT OF TRNG
UA FAETUPAC		1330	2	01900	8664	A/B ASW TRNG
UA FAETUPAC		1330	2	05500	8666	SERE TRNG
UC NATTC GLYNCO		1332	2	05100	3290	DIR OF TRNG
UC NATTC GLYNCO		1332	2	07100	3290	SUPT CIC SCHLS
BH LPH 3	OKINAWA	1340	2	00800	9274	OPERATIONS
BH LPH 4	BOXER	1340	2	01100	9274	OPERATIONS
BH LPH 7	GUADALCANAL	1340	2	00000	9274	OPERATIONS
BH LPH 9	GUAM	1340	2	00800	9274	OPERATIONS
BI LPH 2	IWO JIMA	1340	2	00800	9274	OPERATIONS
BI LPH 5	PRINCETON	1340	2	01100	9274	OPERATIONS
BI LPH 8	VALLEY FORGE	1340	2	01100	9274	OPERATIONS
BI LPH 10	TRIPOLI	1340	2	00800	9274	OPERATIONS
CQ HS 3		1341	2	00100	8670	COMMANDING
CQ HS 3		1341	2	00200	8672	EXECUTIVE
CQ HS 5		1341	2	00100	8670	COMMANDING
CQ HS 5		1341	2	00200	8672	EXECUTIVE
CQ HS 9		1341	2	00100	8670	COMMANDING
CQ HS 9		1341	2	00200	8672	EXECUTIVE
CQ HS 11		1341	2	00100	8670	COMMANDING
CQ HS 11		1341	2	00200	8672	EXECUTIVE
CR HS 2		1341	2	00100	8670	COMMANDING
CR HS 2		1341	2	00200	8672	EXECUTIVE
CR HS 4		1341	2	00100	8670	COMMANDING
CR HS 4		1341	2	00200	8672	EXECUTIVE
CR HS 6		1341	2	00100	8670	COMMANDING

CR HS	6	1341	2	00200	8572	EXECUTIVE
CR HS	8	1341	2	00100	8570	COMMANDING
CR HS	8	1341	2	00200	8572	EXECUTIVE
CS HC	2	1341	2	00100	8570	COMMANDING
CS HC	2	1341	2	00200	8572	EXECUTIVE
CS HC	4	1341	2	00100	8570	COMMANDING
CS HC	4	1341	2	00200	8572	EXECUTIVE
CS HC	6	1341	2	00100	8570	COMMANDING
CS HC	6	1341	2	00200	8572	EXECUTIVE
CT HAL	3	1341	2	00100	8570	COMMANDING
CT HAL	3	1341	2	00200	8572	EXECUTIVE
CT HC	1	1341	2	00100	8570	COMMANDING
CT HC	1	1341	2	00200	8572	EXECUTIVE
CT HC	3	1341	2	00100	8570	COMMANDING
CT HC	3	1341	2	00200	8572	EXECUTIVE
CT HC	5	1341	2	00050	8570	COMMANDING
CT HC	5	1341	2	00100	8572	EXECUTIVE
CT HC	7	1341	2	00050	8570	COMMANDING
CT HC	7	1341	2	00100	8572	EXECUTIVE
JA COMFAIR SDIEGO		1340	2	03400	9076	HS READ/TENG
JB COMASWFORLANT		1340	2	05210	9068	HS TACT/DOC
JC COMNAVAIRPAC		1340	2	06000	3217	AIR ASW TENG
JU CNART NAS GLENVIEW		1341	2	07400	3215	HS ASW TENG
OC HSEI		1341	2	00100	8570	COMMANDING
OD HS+10		1341	2	00100	8570	COMMANDING
OJ HT+8		1341	2	00200	8570	COMMANDING
OJ HT+8		1341	2	00300	8572	EXEC
OS NAVWEAPONS LAB DAHLGR		1340	2	16110	6930	HERO PROJ OFF
TN NAVAL WAR COLLEGE NEWPORT		1340	2	18400	3270	AST FOR AIR OPS ASW
HA COM SECDEFELT		1350	2	02110	9570	ACCS INTEL
HC COMCARDIV 2		1350	2	18000	9500	AIR INTEL
HC COMCARDIV 4		1350	2	18000	9500	AIR INTEL
HC COMCARDIV 6		1350	2	18000	9500	AIR INTEL
HD COMCARDIV 1		1350	2	04100	9500	AIR INTEL
HD COMCARDIV 3		1350	2	04100	9500	AIR INTEL
HD COMCARDIV 5		1350	2	01700	9500	AIR INTEL
HD COMCARDIV 7		1350	2	04100	9500	AIR INTEL
HD COMCARDIV 9		1350	2	04100	9500	AIR INTEL
HY DIA NMCS AFLOAT		1350	2	58310	9315	MIL INTEL OFF
JB CINCLANTFLT		1350	2	07600	9500	AIR/TGT INTEL
JC COMNAVAIRPAC		1350	2	09000	9500	FORCE INTEL
J CINCLANT		1350	2	08000	9500	AST REP JSTPS
JP JNTSTRATTGTPLAN STAFF		1350	2	06100	9500	INTEL STAFF OFF
JP JNTSTRATTGTPLAN STAFF		1350	2	09100	9500	INTEL STAFF OFF
LB COMBATFOR 7TH FLT		1350	2	00500	9500	INTEL
LB COMBATFOR 7TH FLT		1350	2	00900	9500	INTEL
LB COMBATREFLAVIK		1350	2	01000	9500	ASW INT/ANAL
LK CINCPAC		1350	2	19000	9500	HD TGT ANAL SECT
TN ARMED FOR STF COL NB NORVA		1350	2	10012	3205	FACULTY ADV/INTEL
LA CINCPACFLT		1350	2	01100	9000	AST MAY SUP READ A
DA VAW 33		1371	2	01300	0500	OPERATIONS
ED TACRON 13		1370	2	00100	8570	COMMANDING
JA COM FAW 3		1370	2	03200	9051	LOGISTICS
JA COMFAVSPAC/COMFAIRNOFFETT		1370	2	02300	9076	ASW TENG

JA COMFAWPAC/COMFAIRMOFFETT	1370	2	03700	9065	CPS
CN CNATRA	1370	2	10200	3217	NFO TRNG
JQ SACLANT	1370	2	07600	9051	ASST PLANS * REQ
JQ SACLANT	1370	2	13200	2412	DIR OF PUB REL
JU CNART NAS GLENVIEW	1370	2	09800	9068	MOB
LA CINCPACFLT RMS	1370	2	07010	9051	MO DES PCL + PROJ
LK CINCEASTLANT	1370	2	00220	9051	LOG PLANS
LK CINCNORTH	1370	2	01500	9040	EX OFF
LK CINCSOUTH	1370	2	04110	9065	PLANS OFF-PLNG/ANAL
LK ICELAND DEFOR	1370	2	00800	9034	SEC TO JOINT STAFF
LK CINCPAC	1370	2	43023	9065	FORCE TABS OFF
LL COMHAWAIIANSEAFRONTIER	1370	2	01348	0955	AST PROJ OFF
MF PACCOMD ELECT INT CEN	1370	2	07010	9040	CHIEF PROD DIV
MO NAF ARGENTIA	1370	2	00110	9021	COMMANDING
QL AVENGERSUNIT PHILS	1370	2	03610	6717	AST DIRECTOR
SB OPNAV	1370	2	70992	9020	CP 704 MO TEST * EVA
SB OPNAV	1370	2	72280	6231	CP 722D4 ASST FOR SH
SB OFF OF INFORMATION	1370	2	25075	2412	AST PLANS OFF
SL DEF COMM ENGR OFFICE DCA D	1370	2	03601	9515	CHIEF PROG CONTR OFF
SL DEF COMM ENGR OFFICE DCA D	1370	2	15601	9515	AST CHIEF
SL DEFENSE COMM AGENCY	1370	2	59003	9515	PLNS OFF
TP NAVAL ACAD ANNAP	1370	2	02050	9065	MO OPS + PLANS DIV
UB AVIATRASCROLSCORD PENS	1370	2	09100	3283	DIRECTOR
JQ CINC US STRIKE COMMAND	1310	2	09019	0905	CP STY OFF/FE BR
GL US ADVISORYGRP USMACV	1400	2	02310	7993	SR SHYD ADV
JB CINCLANTFLT	1400	2	02200	9950	AST INEP
JC COMNAVAIRLANT	1400	2	15210	7994	CVS ENG
JC COMNAVAIRPAC	1400	2	17800	9063	AST SHIPS MATL
JF COMCRUDESAC	1400	2	04210	9063	FORCE MATL
JF COMCRUDESANT	1400	2	05000	9063	AST MAINT
JG COMINLANT	1400	2	04200	9051	FORCE LOGISTICS
JH CONSERVANT	1400	2	06300	9063	FULL MAINT/ELECT
JH CONSERVGRP/RON 1	1400	2	01810	9063	MAINT/MATL
JH CONSERVGRP/RON 8	1400	2	01200	9375	SALVAGE/MATL
JI COMPHISLANT	1400	2	06400	9051	MAINT
JI COMPHISPAC	1400	2	05510	9063	FORCE MAINT
JK CONSTS	1400	2	09700	9033	AST ENR OFF
JL CONSUBLANT	1400	2	40200	9063	ACOS MATL
JQ SACLANT	1400	2	10600	5995	DIR COMM FAC
JQ SACLANT	1400	2	10600	5995	DIR COMM FAC
LA CINCPACFLT RMS	1400	2	07020	9063	PLNS + PROG COORD
LF CONSERVPAC	1400	2	12010	7994	ACOS FORCE MAINT
LH CONSUBPAC	1400	2	04200	9063	FORCE MATL
LK CINCUSNAVEUR/COMSEASTLANT	1400	2	13600	7931	FLT MAINT A SUPPORT
LM ATTACHE UNITED KINGDOM	1400	2	65800	9035	AST NAV ATT LONDON
LQ JNHILHISSAID TURKEY	1400	2	42010	7935	SENIOR ADV GULCUK
LQ MMAG REP OF CHINA	1400	2	70050	7910	NAT OFF
LQ USHILGRP BRAZIL	1400	2	05050	7210	ENG 1 LIAISON ADV
LQ USHILGRP CHILE	1400	2	05020	7903	ENG ADV
LQ USHILGRP PERU	1400	2	05010	7210	ENG ADV
MA CONSERVGRU/RON 3	1400	2	02010	9375	SR AST MAINT FULL-SC
MG NAVACTS UK	1400	2	05000	7930	US/UK REB PROJ OFF
NJ SHIPBLDG LO SPAIN	1400	2	60210	7910	AST SHIPBLDG LIA
OJ NAVSHIP R&D CEN ANNAP	1400	2	69410	7935	AST OIC/BLAS
OJ NAVAPPLSCIENCELAB BROOK	1400	2	60300	9030	PLANS + POLICY

SA AST SECNAV I + L	1400	2	30190	7410	AST INO ENG
SB OPNAV	1400	2	08955	9912	OP 9828 TACT AIR UP
SB CPNAV	1400	2	30225	8054	CP 03023 PRCP * HULL
SB CPNAV	1400	2	44180	9051	CP 441D3 AST TECH MT
SC OPERSTUDYGRP WASH DC	1400	2	50050	9005	PROJ OFF
SG NAVSHIPENGCEN WASH DC	1400	2	00800	7935	PROJ OFF PROG PLAN
SG NAVSHIPENGCEN WASH DC	1400	2	03700	3950	WORK STUDY PROJ OFF
SG NAVSHIPENGCEN WASH DC	1400	2	17500	7330	AST SPEC PROJ
SG NAVSHIPSYSCOMHQ WASH DC	1400	2	02600	3975	PLANS/PROG * OFF ED
SG NAVSHIPSYSCOMHQ WASH DC	1400	2	04200	5970	AST FOR SPEC PROG
SG NAVSHIPSYSCOMHQ WASH DC	1400	2	09500	2060	HD SHIPS RESEARCH BR
SG NAVSHIPSYSCOMHQ WASH DC	1400	2	39700	7352	DIR WORK PLANNING DI
SG NAVSHIPSYSCOMHQ WASH DC	1400	2	43900	7420	PLANNING
SI HDQTRS NAVMATCOMD WASH	1400	2	04700	6717	AST DIR C * C
SI OFF NAV RESCH WASH	1400	2	09000	7273	PROG OFF ADV SHIP PR
SL DEFENSE COM AGENCY	1400	2	47001	5917	SYS DESIGN OFF
SO ASW SYSTEMS PROJ OFF WASH	1400	2	03310	2170	PLANS * ANALYSIS OFF
HB COM FIRSTFLT	1510	2	01750	9005	ELEC WARE
JA COMFAIR ALAMEDA	1510	2	04600	8116	MAINT/MATERIAL
JA COMFAIR OJAX	1510	2	06900	8305	ACOS/MA
JA COMFAIR NORVA	1510	2	04600	8190	A/C MAINT/MATL
JA COMFAIR QUONSET	1510	2	03700	8190	MAINT/MATL
JA COMFAIR SDIEGO	1510	2	03100	8190	ACOS MAINT
JA COMFAIR WHIDBY	1510	2	04910	8190	AV MAINT
JA COM FAWSLANT/COM FAW 5	1510	2	25500	6042	LOGISTICS
JB COMASWFORLANT	1510	2	05810	9057	SURF WEPS SYS
JB CINCLANTFLT	1510	2	30300	8190	ACFT) WEPS SYS MAI
JC COMNAVAIRPAC	1510	2	19700	8115	MAINT MGMT
LB COMFAIR HAWAII	1510	2	03800	8116	AST C/S FOR MATL
LB COMFAIRWESTPAC	1510	2	04400	8305	MATL
NG NAVACTS UK	1510	2	07700	8583	SPEC PROJ AST L
OL AVENGERSERVUNIT PHILS	1510	2	00100	9021	COMMANDING
OL NADC JOHNSVILLE PA	1510	2	00720	6962	PLANS/PROG OFF
OL NADC JOHNSVILLE PA	1510	2	07010	6280	PLANS + PROGRAMS
OL NAVAIRPROPTSTCEN TRENTON	1510	2	06600	8953	PLANNING OFF
OL NAVNISLCEN PT MUGU	1510	2	02200	2105	CH PROGRAM OFF
OL NAVAIRENGCEN PHILA	1510	2	02400	8006	ENGR PLANS + PROG
OL NAVWEARPCEN CHINA LAKE	1510	2	07310	9296	HIL AST ATENPHS
OL PACNISRANGE PT MUGU	1510	2	02000	6900	PROG MAINT OFF
OL PACNISRANGE PT MUGU	1510	2	03100	6300	PLANS + PROGRAMS OFF
OL NAVSPASYSACT LOS AN	1510	2	06400	6930	DIR PLANS + ADV PROG
SA AST SECNAV R & D	1510	2	50020	8595	SPEC AST/AIR
SC SPEC DDS COMMITS ACT DC	1510	2	70100	2105	STAFF OFF
SC OPERSTUDYGRP WASH DC	1510	2	50070	9005	PROJ OFF
SE DEF INTEL AGENCY	1510	2	20403	6717	ASTRO DIV
SI HDQTRS NAVMATCOMD WASH	1510	2	02000	6962	PLN OFF CRD
SJ NASC AIR 01	1510	2	10300	6962	HD A/C PLNS BR
SJ NASC 05	1510	2	50200	6018	HD WEPS SYS PLNG * S
SR NSC OSD 05	1510	2	50135	6470	HEADQUARTS PLNS OFF
SS HQ DEF ATCHSUPPAGY WASH	1510	2	03800	6917	HQ/DEFN DEV OFF/REG
HA COM SIXTHFLT	1530	2	03210	8730	METEOLOGICAL
HA COM SECONDFLT	1530	2	04510	8730	METEOLOGICAL
HB COM FIRSTFLT	1530	2	01800	8730	METEOLOGICAL
HB COM SEVENTHFLT	1530	2	04510	8730	METEOLOGICAL

JV	JNT METEORLOGSATPROFF	1530	2	09200	0715	STAFF MBR
LA	COMASWFORPAC	1530	2	03440	2350	ENVIRONMENTAL EFFECT
SC	JNT STF JNT CHIEF STF WASH	1530	2	02272	9005	MIL SECY JMG K600190
SC	JNT STF JNT CHIEF STF WASH	1530	2	02590	8730	WEATHER OFF M117010
SO	OFF USN WTHR SERV WASH	1530	2	02900	8715	AST CDR FOR PLANS/PR
JC	SACLANT	1610	2	02500	9570	SP INTEL OFF
SB	OPNAV	1610	2	30220	9217	CP 03022 COMD * CCNT
GL	US ADVISORYGRP USMACV	1630	2	01200	9540	INT OFF
RA	COM SIXTHFLT	1630	2	01710	9570	INTEL
HB	COM FIRSTFLT	1630	2	01100	9570	INTEL
JP	JNTSTRATTGTPLAN STAFF	1630	2	02100	9600	AIR TARGETS OFF
LA	CINCPACFLT	1630	2	00700	9540	CH CUR INTEL
LK	US SOUTHCOM	1630	2	30000	9516	CH PLANS BR
LK	CINCUSNAVEUR/COM EASTLANT	1630	2	07700	9570	PLAN/POL/FICEUR/LIAS
LK	COMUSFOR JAPAN	1630	2	06006	9516	COUNTER INT+SEC OFF
LK	SACEUR	1630	2	00410	9570	CH CRG SEC
LK	CINCPAC	1630	2	16010	9515	CNTRINTELL STAFFOFF
LK	CINCPAC	1630	2	17010	9540	INTEL ANALYST
LH	ATTACHE FINLAND	1630	2	27110	9535	NAVAL ATTACHE HELSINKI
LM	ATTACHE JAPAN	1630	2	47110	9535	ASST NAV ATTACHE TOKYO
LM	ATTACHE USSR	1630	2	09110	9535	AST NAV ATT MOSCOW
LN	CINCUSNAVEURREP MUNUCH	1630	2	04200	9570	CINCUSNAVEURREP MUNICH
SC	OPERSTUDYGRP WASH DC	1630	2	50000	9035	PROJ OFF
SE	DEFINTEL AGENCY	1630	2	15101	9530	CH USID CIA GRP
SE	DEFINTEL AGENCY	1630	2	35215	9570	INTEL STF OFF
SE	DEFINTEL AGENCY	1630	2	45122	9515	MIL INTEL OFF
SE	DEFINTEL AGENCY	1630	2	45212	9570	CH FAR EAST BR
SE	DEFINTEL AGENCY	1630	2	45611	9515	CH SPEC PROJ
SE	DEFINTEL AGENCY	1630	2	50224	9515	FACULTY ADV
SE	DEFINTEL AGENCY	1630	2	60331	2060	CH SCIENTIFIC APPL BR
SE	DEFINTEL AGENCY	1630	2	60321	2620	CH DATA SYS MGMT BR
SE	DEFINTEL AGENCY	1630	2	75103	8532	INTEL OFF
SE	DEFINTEL AGENCY	1630	2	75202	9515	INTEL OFF
SE	DEFINTEL AGENCY	1630	2	80111	9515	CH SUPPORT GRP
SE	DEFINTEL AGENCY	1630	2	80342	6717	NAVAL SYS OFF
SE	DEFINTEL AGENCY	1630	2	95170	9530	LIA OFF
SE	DEFINTEL AGENCY	1630	2	95308	9515	MIO ESTIMATES GRP
SE	DEFINTEL AGENCY	1630	2	95308	9515	MIO ESTIMATES GRP
SE	DEFINTEL AGENCY	1630	2	95614	9515	MIO CUBA BR
SE	DEFINTEL AGENCY	1630	2	95920	9533	CH PRODUCTION BR
SE	NAVINTCCORD WASH	1630	2	11500	9530	NIC 32R HEAD
SE	OPNAV CP 92	1630	2	92070	9570	CP 9202 SECURITY POL
SE	OPNAV CP 92	1630	2	92500	9570	CP 9201 NATIONAL ES
SE	OPNAV CP 92	1630	2	92530	9570	OP 9206 MD CURRENT I
GL	COMUSMACV	1650	2	04110	2412	PLANS OFF
GL	COMUSMACV	1650	0	84150	2412	CH SPEC PROJ DIV
HA	COM SIXTHFLT	1650	2	01410	2412	PUB AFFAIRS
HB	COM SEVENTHFLT	1650	2	01610	2412	PUB AFFAIRS
J	CINCLANT	1650	2	10002	2450	DEP PUB AFF
LA	CINCPACFLT	1650	2	03323	2412	AST PUB AFF-SP PROJ
LJ	MATO MIL COMMITTEE	1650	2	17750	2400	PUB INFO ADV
LK	US TAIWAN DEFCORD	1650	2	07010	2412	PUBLIC INFO
LK	CINCPAC	1650	2	54017	2435	REF AFF OFF/CASST
SB	OFF OF INFORMATION	1650	2	25065	2412	SP AST TO DEPCH INFO
SB	OFF OF INFORMATION	1650	2	25405	2412	AST DIV DIR

SC OFF SEC OF DEF	1650	2	09150	2770	INF OFF SEASIA
SC OFF SEC OF DEF	1650	2	09200	2430	INF OFF NEWS CR
SC OFF SEC OF DEF	1650	2	09205	2430	INFO OFF
SC OFF SEC OF DEF	1650	2	09250	2430	INF OFF MAG * BK DT
SC OFF SEC OF DEF	1650	2	09400	2770	CH AUD VIS PROD BR
SC OFF SEC OF DEF	1650	2	09550	2430	VETERANS ACT OFF
SC OFF SEC OF DEF	1650	2	09560	2430	CIVIC ACT OFF
SC OFF SEC OF DEF	1650	2	09650	2430	LABOR ACT OFF
SC OFF SEC OF DEF	1650	2	09705	2430	AST PLANS OFF
TO DEFINFOSCH FT B HARRISON	1650	2	00200	2430	CHIEF
FI FORCE TROOPS FMFLANT	2100	2	00600	0040	FORCE MED
FJ 1ST MAREBIG FMFPAC	2100	2	01100	0040	BRIGADE SURG
FJ 5TH MAR DIV	2100	2	10750	0040	BN CDR
J1 COMPHIBPAC	2100	2	01530	0040	FORCE MED-BIO DEF
JJ HQTRS FMF PAC	2100	2	00950	0045	AST FOR SUR
LQ USMAGTHAI/JUSMAGTHAI	2100	2	59010	0789	PREVENTIVE MED OFF
LQ USMILGRP BRAZIL	2100	2	06070	0043	MEDICAL ADV
6R EXCHANGE OFF UK	2100	2	09800	0045	FLIGHT SURGEON
JF COMCRUDESPAC	2200	2	06015	0360	FORCE DENTAL
LR EXCHANGE OFF CANADA	2200	2	05600	0365	DENTAL OFF
JC COMNAVAIRLANT	2300	2	08800	0002	MEDICAL ADMIN
JC COMNAVAIRPAC	2300	2	01700	0002	MSC ADMIN AST
J1 COMPHIBPAC	2300	2	01540	2015	MED ADMIN OFF
JJ HQTRS FMF LANT	2300	2	00800	2005	ADM AST FOR SUR
JJ HQTRS FMF PAC	2300	2	01200	0002	MED ADMIN
JK COMSTS	2300	2	09300	0002	MED ADMIN
CH CNATRA	2300	2	07800	0002	MED ADMIN
JQ SAFLANT	2300	2	05500	0002	MED PLANS OFF
LK CINCUSNAVEUR/COMSEASTLANT	2300	2	21900	2015	MED ADMIN
LK CIECPAC	2300	2	53005	0002	PLANS OFF
GL COMUSMACV	2500	2	52220	2529	CH INT LAW
HA COM SIXTHFLT	2500	2	01210	2505	LEGAL
H0 COM SEVENTHFLT	2500	2	01910	2505	LEGAL
JF COMCRUDESPAC	2500	2	01030	2505	FORCE LEGAL
JF COMCRUDESLANT	2500	2	01510	2505	AST LEGAL
JH CONSERVLANT	2500	2	01000	2505	FORCE LEGAL
J1 COMPHIBLANT	2500	2	01400	2505	FORCE LEGAL
J1 COMPHIBPAC	2500	2	01210	2505	FORCE LEGAL
JL CONSERVLANT	2500	2	21200	2505	FORCE LEGAL
LA CINCOPACFLT	2500	2	00300	2505	AST FOR LEGAL
LF CONSERVPAC	2500	2	00910	2505	FORCE LEGAL
LK US SOUTHCOM	2500	2	10000	2505	AST LEGAL OFF
LK CINCUSNAVEUR/COMSEASTLANT	2500	2	04710	2505	AST FORCE) STAFF L
SA OFF JAG WASHDC	2500	2	09200	2505	EXEC AST TO
SA OFF JAG WASHDC	2500	2	11100	2505	DIRECTOR
SA OFF JAG WASHDC	2500	2	12100	2505	DIRECTOR
SA OFC SECNAV	2500	2	10300	2505	SEC AST LEGAL NAT
SB CBNAV	2500	2	02800	5031	CP OPDIL AST FOR L
SB CBNAV	2500	2	04255	2530	CP MAIL RD LEGAL *
SD CBNAV	2500	2	01610	2509	CP G1AC DIV LEGAL
SB OFF OF LEGIS AFFAIRS	2500	2	30060	2530	AST DIR LEGIS DIV
SD OFF OF LEGIS AFFAIRS	2500	2	30070	2530	LEGIS ANALYST
SD OFF OF LEGIS AFFAIRS	2500	2	30070	2530	LEGIS ANALYST
TH NAVAL WAR COLLEGE NEWPORT	2500	2	10900	2530	DD INTL LAW * LEGAL

AA CVA	33	SHANGRI LA	3100	2	14200	1918	SUPPLY
AA CVA	42	F D ROOSEVELT	3100	2	14200	1918	SUPPLY
AA CVA	59	FORRESTAL	3100	2	14200	1918	SUPPLY
AA CVA	60	SARATOGA	3100	2	14200	1918	SUPPLY
AA CVA	62	INDEPENDENCE	3100	2	12000	1918	SUPPLY
AA CVA	66	AMERICA	3100	2	11400	1918	SUPPLY
AA CVA	67	JOHN F KENNEDY	3100	2	14200	1918	SUPPLY
AB CVA	24	TICONDEROGA	3100	2	14200	1918	SUPPLY
AB CVA	19	HANCOCK	3100	2	14200	1918	SUPPLY
AB CVA	00	BCN HOMME RICHARD	3100	2	14200	1918	SUPPLY
AB CVA	34	CRISKANY	3100	2	14200	1918	SUPPLY
AB CVA	43	CORAL SEA	3100	2	14200	1918	SUPPLY
AB CVA	61	RANGER	3100	2	14200	1918	SUPPLY
AB CVA	63	KITTY HAWK	3100	2	14200	1918	SUPPLY
AB CVA	64	CONSTELLATION	3100	2	14200	1918	SUPPLY
AB CVAN	65	ENTERPRISE	3100	2	14200	1918	SUPPLY
AC CVS	9	ESSEX	3100	2	09700	1918	SUPPLY
AC CVS	11	INTREPID	3100	2	09700	1918	SUPPLY
AC CVS	15	RANDOLPH	3100	2	09700	1918	SUPPLY
AC CVT	16	LEXINGTON	3100	2	14200	1918	SUPPLY
AC CVS	18	WASP	3100	2	09700	1918	SUPPLY
AD CVS	10	YORKTOWN	3100	2	09700	1918	SUPPLY
AD CVS	12	HORNET	3100	2	09700	1918	SUPPLY
AD CVS	20	BENNINGTON	3100	2	09700	1918	SUPPLY
AD CVS	33	KEARSARGE	3100	2	09700	1918	SUPPLY
BA AD	16	CASCADE	3100	2	03800	1918	SUPPLY
BA AD	18	SIERRA	3100	2	03800	1918	SUPPLY
BA AD	19	YOSEMITE	3100	2	03800	1918	SUPPLY
BA AD	23	ARCADIA	3100	2	03800	1918	SUPPLY
BA AD	24	EVERGLADES	3100	2	03800	1918	SUPPLY
BA AD	26	SHENANDOAH	3100	2	03800	1918	SUPPLY
BA AD	27	YELLOWSTONE	3100	2	03800	1918	SUPPLY
BA AD	28	GRAND CANYON	3100	2	03800	1918	SUPPLY
BA AD	31	TIDEWATER	3100	2	03800	1918	SUPPLY
BB AD	14	DIXIE	3100	2	03800	1918	SUPPLY
BB AD	15	PRAIRIE	3100	2	03800	1918	SUPPLY
BB AD	17	PIEDMONT	3100	2	03800	1918	SUPPLY
BB AD	25	FRONTIER	3100	2	03800	1918	SUPPLY
BB AD	29	ISLE ROYAL	3100	2	03800	1918	SUPPLY
BB AD	36	BRYCE CANYON	3100	2	03800	1918	SUPPLY
BB AD	37	SAMUEL GOMPERS	3100	2	03800	1918	SUPPLY
BF AFS	2	SYLVANIA	3100	2	02300	1918	SUPPLY
BF AKS	32	ALTAIR	3100	2	02010	1918	SUPPLY
BF AR	13	AMPHION	3100	2	03200	1918	SUPPLY
BF AR	14	CADMUS	3100	2	03200	1918	SUPPLY
BG AFS	1	MARS	3100	2	02300	1918	SUPPLY
BG AFS	3	NIAGARA FALLS	3100	2	02300	1918	SUPPLY
BG AFS	4	WHITE PLAINS	3100	2	02200	1918	SUPPLY
BG AKS	4	POLLUX	3100	2	01810	1918	SUPPLY
BG AR	6	AJAX	3100	2	03200	1918	SUPPLY
BG AR	7	HECTOR	3100	2	03200	1918	SUPPLY
BG AR	8	JASON	3100	2	03200	1918	SUPPLY
BG AR	9	DELTA	3100	2	03200	1918	SUPPLY
BG AR	22	KLEONDIKE	3100	2	03200	1918	SUPPLY
BG AR	23	MARKAB	3100	2	03200	1918	SUPPLY

BJ AS	11 FULTON	3100	2 04300	1918	SUPPLY
BJ AS	15 BUSHNELL	3100	2 04300	1918	SUPPLY
BJ AS	16 HOWARD W GILMORE	3100	2 04300	1918	SUPPLY
BJ AS	18 CRICN	3100	2 04300	1918	SUPPLY
BJ AS	31 HUKLEY	3100	2 04600	1918	SUPPLY
BJ AS	32 HOLLAND	3100	2 04600	1918	SUPPLY
BJ AS	33 SIMON LAKE	3100	2 04600	1918	SUPPLY
BJ AS	34 CANOPUS	3100	2 04600	1918	SUPPLY
BJ AS	36 L Y SPEAR	3100	2 04300	1918	SUPPLY
BK AS	12 SPERRY	3100	2 04300	1918	SUPPLY
BK AS	17 NEREUS	3100	2 04300	1918	SUPPLY
BK AS	19 PROTEUS	3100	2 04300	1918	SUPPLY
EA CTF	43 COMNAVSUPFORANTARC	3100	2 03110	1978	ACOS SUPPLY LOGISTIC
FQ	CARGO HANDLING BN 1	3100	2 00110	1215	COMMANDING
FQ	CARGO HANDLING BN 2	3100	2 00110	1215	COMMANDING
GL	US ADVISORYGRP USMACV	3100	2 01400	9051	LOG OFF
GL	US ADVISORYGRP USMACV	3100	2 00210	1053	ASST MAP OFF
HB	COM SEVENTHFLT	3100	2 07110	9051	LOGISTICS
HR	CONSERVRON 2	3100	2 00330	1955	SUPPLY
HR	CONSERVRON 4	3100	2 00720	1955	SUPPLY
HR	CONSERVRON 6	3100	2 04310	1978	AST SUPPLY
JA	COMFAIR ALAMEDA	3100	2 03700	1955	SUPPLY
JA	COMFAIRJAX	3100	2 02300	1918	ACOS SUPPLY
JA	COMFAIR NORVA	3100	2 05300	1984	SUPPLY
JA	COMFAIR QUONSET	3100	2 05400	1918	SUPPLY
JA	COMFAIR SDIEGO	3100	2 05100	1955	SUPPLY
JA	COMFAWSPAC/COMFAIRNOFFETT	3100	2 05000	1955	SUPPLY/COMPTROLLER
JB	CINCLANTFLT	3100	2 20100	1015	MGNT AST
JB	CINCLANTFLT	3100	2 34300	1955	FLT SUP PROG
JB	CINCLANTFLT	3100	2 34900	1978	AST INVEN MGNT
JC	COMNAVAIRLANT	3100	2 12700	1955	SUPPLY PLANNING
JC	COMNAVAIRLANT	3100	2 12750	1984	SHIPS GEN SUPPLY
JC	COMNAVAIRLANT	3100	2 13000	1050	COMPTROLLER
JC	COMNAVAIRLANT	3100	2 13200	1990	MATERIAL CONTROL
JC	COMNAVAIRPAC	3100	2 10700	1978	LOGISTICS PLANS
JC	COMNAVAIRPAC	3100	2 11500	1530	NATI. OFF
JC	COMNAVAIRPAC	3100	2 12400	1050	DEP FORCE COMPT
JC	COMNAVAIRPAC	3100	2 13000	9985	SHIPS SUPP READ
JF	COMCRUDESANT	3100	2 06500	1918	AST SUPPLY
JG	COMINLANT	3100	2 04900	1978	FORCE SUPPLY) BUDGET
JG	COMINPAC	3100	2 00860	1978	FORCE SUPPLY
JH	CONSERVLANT	3100	2 00600	1050	COMPTROLLER
JH	CONSERVLANT	3100	2 12900	1955	FORCE SUPPLY MGNT
JH	CONSERVLANT	3100	2 13300	1990	OIC SUPP OVHL PR
JH	CONSERVGRP/RON 1	3100	2 02110	1955	SUPPLY
JK	COMSTS	3100	2 08550	1004	HD SPEC PROJ BR
JK	COMSTSLANT	3100	2 09200	1050	COMPTROLLER
JK	COMSTSPAC	3100	2 10200	1955	SUPPLY OFF
JL	CONSUBLANT	3100	2 45100	1955	AST SUP) TRANS
JL	CONSUFLOT 2	3100	2 01800	1955	SUPPLY READ
JL	CONSUFLOT 6	3100	2 01700	1955	SUPPLY READ
JO	CHAVBATHA	3100	2 06110	1955	SUPPLY/FISCAL OFF
OH	CNATRA	3100	2 13200	1955	AST SUPPLY
JO	SACLANT	3100	2 07400	1978	AST DIR READ

JQ SACLANT	3100	2	12200	1050	DIR TREASURY & PLAN
JQ CINC US STRIKE COMMAND	3100	2	10031	1272	TR & LOG OFF
JR COMWESTERNSEAFRON	3100	2	07310	1973	AST TRANS + SP PROJ
JR COMWESTERNSEAFRON	3100	2	07900	1955	SUPPLY + COMP
JR COMWESTERNSEAFRON	3100	2	08010	9051	SINGLE MOR TRANS COO
JR COMWESTERNSEAFRON	3100	2	08910	1272	TRANSPORTATION
JT COMCSLANT	3100	2	00500	9051	LOGISTICS OFF
JT COMCBPAC	3100	2	01610	1955	SUPPLY-FISCAL
LA CINCPACFLT	3100	2	04290	9960	AST INSP
LB COMFAIRMESTPAC	3100	2	07100	1955	STAFF SUPPLY
LF CONSERVPAC	3100	2	07050	1955	SHIP SUPPLY READ
LF CONSERVPAC	3100	2	07100	1955	AST SYS&PROC
LF CONSERVPAC	3100	2	07300	1990	AST FOR TECH MAT
LF CONSERVPAC	3100	2	08100	1973	AST FOR INVEN CONT
LF CONSERVPAC	3100	2	08150	1940	AST FOR PCL
LF CONSERVPAC	3100	2	08400	1272	AST FOR TRANS
LF CONSERVPAC	3100	2	09050	1973	SUPPLY PLANS) PCL
LG CONSTSELM	3100	2	04500	1050	CONTROLLER
LG CONSTS FAR EAST	3100	2	12100	1955	SUPPLY OFFICER
LG CONSTS FAR EAST	3100	2	14100	1050	CONTROLLER
LH COMSUBPAC RMS	3100	2	90100	1050	FORCE CONTROLLER
LK US SOUTHCOM	3100	2	30010	1900	CH JNT PET OFF
LK US SOUTHCOM	3100	2	40010	1050	CH PROG MGMT BR
LK US SOUTHCOM	3100	2	50010	1984	CH NAVY PROG BR
LK CINCUSNAVEUR/COMSEASTLANT	3100	2	19700	1073	GEN SUPP / PLANS/PROG
LK CINCUSNAVEUR/COMSEASTLANT	3100	2	19820	1940	PETROLEUM
LK CINCUSNAVEUR/COMSEASTLANT	3100	2	20900	1272	TRANS
LK CINCUSNAVEUR/COMSEASTLANT	3100	2	21410	1050	COMPTROLLER) GEN SU
LK CINCUNC/COMUSK	3100	2	02900	1973	PLANS) PCL LOG
LK CINCORTH	3100	2	01200	9051	SUPPLY) MAINT BR
LK CINCOSOUTH	3100	2	03310	1940	CH NAVY FUELS
LK CINCOSOUTH	3100	2	06910	1004	SUPPLY-CONTRACT OFF
LK US TAIWAN DEFCON	3100	2	32010	9051	CH PL/PCL SEC
LK HQ USEUCOM	3100	2	61105	9051	LOGISTICS OFF
LK HQ USEUCOM	3100	2	62104	1272	TRANS LOG OFF
LK HQ USEUCOM	3100	2	63304	1955	STF SUP OFF
LK HQ USEUCOM	3100	2	63304	1955	STF SUP OFF
LK HQ USEUCOM	3100	2	60201	1984	SUPPL PLANS OFF
LK HQ USEUCOM	3100	2	91303	1984	SUPPL PLANS OFF
LK CINCALASKA	3100	2	08013	9051	LOGISTICS OFF
LK CINCPAC	3100	2	30020	1984	HD LOG ANAL SEC
LK CINCPAC	3100	2	35012	9051	LOG COMS OFF
LK CINCPAC	3100	2	39003	1272	AIR TRANSPORT OFF
LK CINCPAC	3100	2	39115	9051	ED RPTS) ANAL
LK CINCPAC	3100	2	52014	1050	CH MGMT) PLANS BR
LL COMUSNAVSO/COM 15	3100	2	02610	9051	ACOS LOGISTICS
LL COMNAVMAHNAS	3100	2	07200	1970	FORCE SUPPLY
LQ JUSMAG/MAAG SPAIN	3100	2	11020	1913	LOG PLANS OFF
LQ JUSMAG/MAAG SPAIN	3100	2	13201	1913	SUP) PROG OFF
LQ JINTMILADDPORCECE	3100	2	13100	1913	CHIEF
LQ JINTMILMISMAID TURKEY	3100	2	08900	9051	PLANS) PROG OFF
LQ JINTMILMISMAID TURKEY	3100	2	40010	1050	CH CONTROLLER
LQ JUSMAG PHIL	3100	2	07000	1984	SUPPLY MAP) REC
MA AG DENMARK	3100	2	60020	1913	GEN SUPPLY OFF
LQ MAAG REP OF CHINA	3100	2	70000	9051	LOG SUP ADV

LQ MAAG ITALY	3100	2	05040	1913	GEN SUPP
LQ MAAG JAPAN	3100	2	06030	1978	LOGISTICS OFF
LQ PROV MAAG KOREA	3100	2	05002	1050	AST COMPT ACCTG
LQ MAAG NETHERLANDS	3100	2	00810	1913	SUPPLY OFF
LQ MAAG NORWAY	3100	2	04030	1913	GEN SUPPLY OFF
LQ USMILGRP BRAZIL	3100	2	06060	1913	SUP LOG ADVISAP MAT
LQ USMILGRP CHILE	3100	2	05000	1913	LOG 1 SUP ADV
LR EXCHANGE OFF CANADA	3100	2	00500	1515	STF OFF/STF AST DIR
MA CONSERVGRU/RON 3	3100	2	03310	1935	SR AST TO SUPPLY
MA CONSERVGRU/RON 3	3100	2	03350	1934	SUPPLY PLANS
MD NAS BARBERS POINT	3100	2	12210	1918	SUPPLY ADDU SO CONF
MG NAVACTS UK	3100	2	07300	1435	US/UK POLARIS SUPPL
QJ NMCSA WASHDC	3100	2	00500	2510	ADP STAFF OFF
SA AST SECNAV I + L	3100	2	30025	9051	STAFF AST
SB OPNAV	3100	2	08730	9920	CP 9102 HD COST FAC
SB OPNAV	3100	2	08945	9051	CP 901E PERS * LOG
SB OPNAV	3100	2	30235	1973	CP 03025 LOG OFF
SB OPNAV	3100	2	40281	1973	CP 401E1 AST FOR LOG
SB OPNAV	3100	2	40790	1940	CP 406C FUELS COORD
SB OPNAV	3100	2	41615	9051	CP 413 HD AUTO LOG
SB OPNAV	3100	2	42040	1935	CP 421 HD GRANT AID
SB OPNAV	3100	2	44210	9051	CP 441D4 AST SUPP
SB OPNAV	3100	2	44610	9051	CP 443C1 AST OPS SEC
SB OFFICE OF CONTROLLER	3100	2	10150	1025	STAFF BUDGET REVIEW
SB OFFICE OF CONTROLLER	3100	2	10215	9970	DIR SPEC PROJ
SB OFFICE OF CONTROLLER	3100	2	10235	1005	DIR MGMT DIV
SB OFFICE OF CONTROLLER	3100	2	10310	1040	DIR MIL PAY DIV
SB OFF OF CIV MANPOWER MGMT	3100	2	20025	2215	AST TO HD MANPOWER
SB OFFICE OF MGMT INFO	3100	2	73500	2510	DIR COST * REPORTS
SC JNT STF JNT CHIEF STF WASH	3100	2	01110	9051	RRR DIST BR F403040
SC JNT STF JNT CHIEF STF WASH	3100	2	02990	9051	LOGISTICS OFF H46402
SC JNT STF JNT CHIEF STF WASH	3100	2	03540	9034	CH SUP DIV R200010
SC JNT STF JNT CHIEF STF WASH	3100	2	03790	9035	MR PROJ BR 5002030
SC OPERSTUDYGRP WASH DC	3100	2	50090	9035	PROJ OFF
SG DIRDIVOPNAVREACTAEC	3100	2	05700	1050	BUDGET FISCAL * SUPP
SG NAVSHIPENGGEN WASH DC	3100	2	16000	7515	DIR EQUIPT/FLT SUPP
SH NAVELESYS COMD VA	3100	2	02400	1435	CONTRACT LIAISON
SH NAVELESYS COMD VA	3100	2	04700	1404	LOGISTIC SUPPORT
SH NAVELESYS COMD VA	3100	2	06100	1425	DIRECTOR
SI HDOTRS NAVMATCOMD WASH	3100	2	01000	9037	SYS PLAN OFF
SI HDOTRS NAVMATCOMD WASH	3100	2	05200	1445	HD PROC PLANNING BR
SI HDOTRS NAVMATCOMD WASH	3100	2	05600	1445	HD PROC POLICY BR
SI HDOTRS NAVMATCOMD WASH	3100	2	15000	1435	AST HD INTL LOG
SJ NASC AIR 01	3100	2	10050	9242	STAFF AST SUPPLY LOG
SJ NASC AIR 02	3100	2	20050	1404	DIR POLICY UNLD * CO
SJ NASC 04	3100	2	40430	1904	SPEC PROGRAMS AST
SJ NASC 04	3100	2	40475	1904	HD INV MGMT PLNS * S
SK NAVSUP PROG * FIN MGMT	3100	2	01011	1050	G19 AST DEP CON PROJ
SK NAVSUP PURCHASING	3100	2	02100	1445	021 DIR PURCH PLN D
SK NAVSUP SC PERSONNEL	3100	2	03300	3501	P3 DIR MIL PERS PLNS
SK NAVSUP SUPPLY OPER	3100	2	04200	2515	0422 HD STAFF AST
SK NAVSUP SUPPLY OPER	3100	2	04503	1515	0451 HD SYS DEV * AU
SK NAVSUP SUPPLY OPER	3100	2	04513	1515	0452 HD SYS MAINT * S
SK NAVSUP PLANNING * POLICY	3100	2	06101	1904	0611 HD M30 PLAN RESE

SK NAVSUP PLANNING * POLICY	3100	2	06105	1984	0612	HD ADV PLNS ES
SK NAVSUP PLANNING * POLICY	3100	2	06110	1984	0614	HD MGMT INFO S
SK NAVSUP PLANNING * POLICY	3100	2	06202	1984	0621	HD POLICY DEV
SK NAVSUP PLANNING * POLICY	3100	2	06207	1984	0622	HD POLICY REV
SK NAVSUP PLANNING * POLICY	3100	2	06350	1985	063A	SPEC PROG RES
SO ASW SYSTEMS PROJ OFF WASH	3100	2	00410	9051		AST FOR LOG
SR NOSC ORD 02	3100	2	20050	1404		SPEC AST FOR POLICY
SR NOSC ORD 04	3100	2	40305	1991		HD PLANNING CR
SS HQ DEF ATOMSUPPAGY WASH	3100	2	04002	1404		AST CHIEF LOGISTICS
TN DEFCIVCAREEREXEC INST	3100	2	00300	1050		INSTRUCTOR
TN NAVAL WAR COLLEGE NEWPORT	3100	2	03100	3265		COORD LOGISTICS PLA
TN NAVAL WAR COLLEGE NEWPORT	3100	2	09200	3265		STUDY ADV LOGISTICS
TN NAVAL WAR COLLEGE NEWPORT	3100	2	11410	3265		AST FOR SUPPLY
TN ARMED FOR STF COL NB NORVA	3100	2	18080	3265		FACULTY ADV/LOGIST
TO DEFWEAPSYSMGMT CEN DAYTON	3100	2	00400	3250		INSTRUCTOR
TP MGMT SYS CEN MONTEREY	3100	2	00300	3263		CURRICULA
TP PG SCOL MONTEREY	3100	2	27400	3251		INST
FJ 5TH MAR DIV	5100	2	42150	4070		FORCE CEC OFF
FK PHIB CB 2	5100	2	00110	4205		COMMANDING
FL PHIB CB 1	5100	2	00110	4105		COMMANDING
FO MCB 1	5100	2	00100	4105		COMMANDING
FO MCB 6	5100	2	00200	4105		COMMANDING
FO MCB 7	5100	2	00100	4105		COMMANDING
FO MCB 53	5100	2	00100	4105		COMMANDING
FO MCB 53	5100	2	00100	4105		COMMANDING
FO MCB 62	5100	2	00100	4105		COMMANDING
FO MCB 71	5100	2	00100	4105		COMMANDING
FO MCB 74	5100	2	00100	4105		COMMANDING
FO MCB 121	5100	2	00100	4105		COMMANDING
FO MCB 123	5100	2	00100	4105		COMMANDING
FO MCB 133	5100	2	00100	4105		COMMANDING
FP MCB 3	5100	2	00100	4105		COMMANDING
FP MCB 4	5100	2	00100	4105		COMMANDING
FP MCB 5	5100	2	00100	4105		COMMANDING
FP MCB 8	5100	2	00100	4105		COMMANDING
FP MCB 9	5100	2	00100	4105		COMMANDING
FP MCB 10	5100	2	00100	4105		COMMANDING
FP MCB 11	5100	2	00100	4105		COMMANDING
GL COMUSMACV	5100	2	05010	4914		CONST PROG OFF
GS 3RD HCONST BRIGADE	5100	2	00500	4105		CHIEF OF STAFF
GS 30TH MCR STAFF	5100	2	90150	4105		CHIEF OF STAFF
GS 320 MCR STAFF	5100	2	50200	4105		CHIEF OF STAFF
JB CINCLANTFL RESORS MGMT DIV	5100	2	41300	4915		AST MGMT
JC COMNAVAIRLANT	5100	2	05200	6954		FACILITY PLNS
JC COMNAVAIRLANT RESORS MGMT	5100	2	00300	6954		FACIL MGMT BUDGET
JC COMNAVATRAC	5100	2	13500	4011		FORCE CIVIL ENG
J CINCLANT	5100	2	35007	9051		PAC MGMT OFF
JJ HDOTRS FFF LANT	5100	2	00500	4011		CIV ENG CORPS OFF
JJ HDOTRS FFF PAC	5100	2	03000	4911		AST FOR ENG
JO CNATECHTRA	5100	2	02000	4011		STAFF CIV ENG
ON CHATRA	5100	2	14000	4011		AST CIV ENG
JT COMCELANT	5100	2	00200	9015		CH STAFF OFF
JT COMCEPAC	5100	2	00300	9005		CRS
JT COMCEPAC	5100	2	00400	9005		CRS
LA CINCPACFLT	5100	2	02173	4011		BASE DEVELOP

LA CINCOPACFLT	5100	2	04310	9960	INSP ANAL OFF
LK CINCEASTLANT	5100	2	00410	9051	LOG PLANS
LK CINCUSNAVEUR/COMSEASTLANT	5100	2	22000	4025	FORCE CIVIL ENG
LK CINCNORTH	5100	2	01300	9051	INFRASTRUCTURE) EN
LK SACEUR	5100	2	00710	9970	STAFF OFF AIR) NAV
LK CINCOPAC	5100	2	35005	4005	FACILITIES PLANS OF
LK CINCOPAC	5100	2	35008	4005	CONST NGMT OFF
LJ USMACVTHAI/JUSMACVTHAI	5100	2	32030	4010	ENGR STF OFF
OG CIVENGLAB PT HUE	5100	2	00300	4960	LOGISTICS DIR
SA AST SECNAV I + L	5100	2	30030	4010	AST FOR CIV ENG
SB OPNAV	5100	2	40301	4924	CP 401E2 AST FOR LO
SB OPNAV	5100	2	44240	9051	CP 441D5 AST CONST
SB OPNAV	5100	2	44260	9051	CP 441E1 AST MD
SB OPNAV	5100	2	44760	9051	CP 443D MD TECH * C
SB OPNAV	5100	2	44770	9051	CP 443D1 AST FOR EN
SC JNT STF JNT CHIEF STF WASH	5100	2	01140	9051	MBR CIV ENGR BR F 5
SC OPERSTUDYGRP WASH DC	5100	2	50100	9065	PROJ OFF
SF NAVFACHQTRS WASH DC	5100	2	15050	9980	BUREAU PLN PCL OFF
SF NAVFACHQTRS WASH DC	5100	2	15070	9980	PROG OFF
SF NAVFACHQTRS WASH DC	5100	2	16070	4710	DIR NUCLEAR PUR
SF NAVFACHQTRS WASH DC	5100	2	16080	9980	DIR FAC PLANS
SF NAVFACHQTRS WASH DC	5100	2	17060	9980	DIR PROS FORM
SF NAVFACHQTRS WASH DC	5100	2	12090	8944	DIR WONS * OT
SF NAVFACHQTRS WASH DC	5100	2	22050	4011	ENGR PLANNING SYS
SH NAVELSYS COMD VA	5100	2	01300	4924	ADVISOR FAC
SI HDQTRS NAVMATCOMD WASH	5100	2	03700	4011	SYS DEV FAC * BUDGET
SI HDQTRS NAVMATCOMD WASH	5100	2	15700	4916	MD PLANNING BR
TN NAVAL WAR COLLEGE NEWPORT	5100	2	10100	3215	THESIS & ORAL PRES
TN ARMED FOR STF CCL NB NORVA	5100	2	18005	3255	FACULTY ADV/BASE

A P P E N D I X D

TAB A - DATA ON OFFICERS - CLASS 1964-1965

TAB B - DATA ON OFFICERS - CLASS 1965-1966

TAB C - DATA ON OFFICERS - CLASS 1966-1967

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TAB K - YEARS OF COMMISSIONED SERVICE - CLASS 1964-1965

TAB L - YEARS OF COMMISSIONED SERVICE - CLASS 1965-1966

TAB M - YEARS OF COMMISSIONED SERVICE - CLASS 1966-1967

TAB N - YEARS OF COMMISSIONED SERVICE - CLASS 1967-1968

TAB O - YEARS OF COMMISSIONED SERVICE - CLASS 1968-1969

TAB P - OPERATIONAL EXPERIENCE - LINE OFFICERS - SURFACE 1100
CLASS 1964-1965

TAB Q - OPERATIONAL EXPERIENCE - LINE OFFICERS - SURFACE 1100
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TAB R - OPERATIONAL EXPERIENCE - LINE OFFICERS - SURFACE 1100
CLASS 1966-1967

TAB S - OPERATIONAL EXPERIENCE - LINE OFFICERS - SURFACE 1100
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TAB T - OPERATIONAL EXPERIENCE - LINE OFFICERS - SURFACE 1100
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TAB U - OPERATIONAL EXPERIENCE - LINE OFFICERS - AVIATION 1300
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TAB V - OPERATIONAL EXPERIENCE - LINE OFFICERS - AVIATION 1300
CLASS 1965-1966

TAB W - OPERATIONAL EXPERIENCE - LINE OFFICERS - AVIATION 1300
CLASS 1966-1967

TAB X - OPERATIONAL EXPERIENCE - LINE OFFICERS - AVIATION 1300
CLASS 1967-1968

TAB Y - OPERATIONAL EXPERIENCE - LINE OFFICERS - AVIATION 1300
CLASS 1968-1969

TAB Z - COMMAND AND STAFF INVENTORY GAINS AND LOSSES 1962-1969
RESTRICTED LINE AND STAFF AND UNRESTRICTED LINE OFFICERS

TAB AA- PLANNED BUILDUP NAVAL WAR COLLEGE COMMAND AND STAFF
SCHOOL UNRESTRICTED LINE AND RESTRICTED LINE AND STAFF

TAB AB- NAVAL WAR COLLEGE COMMAND AND STAFF SCHOOL ACTUAL/
INPUT/PLANNED 1969-1977. UNRESTRICTED LINE AND RESTRICTED
LINE AND STAFF.

TAB AC- SURVEY QUESTIONNAIRE ANSWERS - I. FUNDAMENTALS OF STRATEGY
STUDY

TAB AD- SURVEY QUESTIONNAIRE ANSWERS - II. NAVAL OPERATIONAL
PLANNING NAVAL WARFARE.

TAB AE- SURVEY QUESTIONNAIRE ANSWERS - III. NAVAL OPERATIONAL
PLANNING - MILITARY PLANNING

TAB AF- SURVEY QUESTIONNAIRE ANSWERS - IV. INDEPENDENT STUDIES

TAB AG- SURVEY QUESTIONNAIRE ANSWERS - V. MAJOR AREAS OF STUDY

TAB AH- SURVEY QUESTIONNAIRE ANSWERS - I. FUNDAMENTALS OF
STRATEGY STUDY - 1. INTERNATIONAL RELATIONS -
2. MILITARY MANAGEMENT

TAB AI- SURVEY QUESTIONNAIRE ANSWERS - I. FUNDAMENTALS OF
STRATEGY STUDY - 3. ECONOMICS - 4. INTERNATIONAL LAW -
5. CONCEPTS OF STRATEGY

TAB AJ- SURVEY QUESTIONNAIRE ANSWERS - II. NAVAL OPERATIONAL
PLANNING - NAVAL WARFARE - 1. THE THREAT - 2. MINE
WARFARE

TAB AK- SURVEY QUESTIONNAIRE ANSWERS - II. NAVAL OPERATIONAL
PLANNING - NAVAL WARFARE - 3. ANTISUBMARINE WARFARE
4. ANTI-AIR WARFARE

- TAB AL- SURVEY QUESTIONNAIRE ANSWERS - II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE - 5. STRIKE DELIVERY SYSTEMS
6. INSHORE WARFARE - 7. AMPHIBIOUS WARFARE
- TAB AM- SURVEY QUESTIONNAIRE ANSWERS - III. NAVAL OPERATIONAL PLANNING - MILITARY PLANNING - 1. MILITARY PLANNING PROCESS
- TAB AN- SURVEY QUESTIONNAIRE ANSWERS - III. NAVAL OPERATIONAL PLANNING - MILITARY PLANNING - 2. COMMUNICATIONS PLANNING - 3. INTELLIGENCE PLANNING - 4. LOGISTICS
- TAB AO- SURVEY QUESTIONNAIRE ANSWERS - INDEPENDENT STUDIES - 1. PLANNING EXERCISES - 2. COUNTERINSURGENCY
- TAB AP- SURVEY QUESTIONNAIRE ANSWERS - INDEPENDENT STUDIES - 3. PUBLIC AFFAIRS - 4. STAFF STUDY
- TAB AQ- SURVEY QUESTIONNAIRE ANSWERS - MAJOR AREAS OF STUDY - 1. FUNDAMENTALS OF STRATEGY - 2. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE
- TAB AR- SURVEY QUESTIONNAIRE ANSWERS - MAJOR AREAS OF STUDY - 3. NAVAL OPERATIONAL PLANNING - MILITARY PLANNING
4. PLANNING EXERCISES
- TAB AS- SURVEY QUESTIONNAIRE ANSWERS - MAJOR AREAS OF STUDY - 5. COUNTERINSURGENCY - 6. PUBLIC AFFAIRS - 7. STAFF STUDY

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— DATA ON OFFICERS —
CLASS 1964 - 1965

TOTAL STUDENT OFFICERS	185
NAVY	152
ARMY	14
USMC	12
USAF	6
USCG	1

NAVAL OFFICER CATEGORY

LINE OFFICERS	130
SURFACE (110_)	61
AVIATION - PILOT (131_)	65
AVIATION - OTHER (132_-135_)	4
RESTRICTED LINE OFFICERS	6
ENGINEER DUTY (140_)	1
" " aeronaut. (151_)	1
SPECIAL DUTY crypto (161_)	1
" " legal (162_)	1
" " intel (163_)	1
" " photo (165_)	1
LIMITED DUTY OFFICERS	0
STAFF CORPS OFFICERS	16
DENTAL (220_)	1
MEDICAL SERVICE (230_)	1
SUPPLY (310_)	13
CIVIL ENGINEER (510_)	1

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF

— DATA ON OFFICERS —
 CLASS 1965 - 1966

TOTAL STUDENT OFFICERS	191
NAVY	156
ARMY	14
USMC	14
USAF	6
USCG	1

NAVAL OFFICER CATEGORY

LINE OFFICERS	137
SURFACE (110_)	56
AVIATION - PILOT (131_)	81
RESTRICTED LINE OFFICERS	4
SPECIAL DUTY crypto (161_)	1
" " legal (162_)	1
" " intel (163_)	1
" " photo (165_)	1
LIMITED DUTY OFFICERS	0
STAFF CORPS OFFICERS	15
DENTAL (220_)	1
MEDICAL SERVICE (230_)	1
SUPPLY (310_)	13

TAB C
 UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF

— DATA ON OFFICERS —
 CLASS 1966 - 1967

TOTAL STUDENT OFFICERS	146
NAVY	111
ARMY	14
USMC	14
USAF	6
USCG	1

NAVAL OFFICER CATEGORY

LINE OFFICERS		92
SURFACE (110_)		51
AVIATION - PILOT (131_)		37
AVIATION - OTHER (132_-135_)		4
RESTRICTED LINE OFFICERS		6
ENGINEER DUTY (140_)		1
" " meteoro. (153_)		1
SPECIAL DUTY legal (162_)		1
" " intel. (163_)		2
" " photo (165_)		1
LIMITED DUTY OFFICERS		0
STAFF CORPS OFFICERS		13
DENTAL (220_)		1
MEDICAL SERVICE (230_)		1
SUPPLY (310_)		10
CIVIL ENGINEER (510_)		1

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF

— DATA ON OFFICERS —
 CLASS 1967 - 1968

TOTAL STUDENT OFFICERS 117

NAVY	84
ARMY	14
USMC	10
USAF	6
USCG	3

NAVAL OFFICER CATEGORY

LINE OFFICERS		64
SURFACE (110_)		28
AVIATION - PILOT (131_)		34
AVIATION - OTHER (132_-135_)		2
RESTRICTED LINE OFFICERS		8
ENGINEER DUTY (140_)		1
" " meteo. (153_)		1
SPECIAL DUTY crypto (161_)		1
" " legal (162_)		1
" " intel (163_)		3
" " photo (165_)		1
LIMITED DUTY OFFICERS		0
STAFF CORPS OFFICERS		12
DENTAL (220_)		1
MEDICAL SERVICE (230_)		1
SUPPLY (310_)		9
CIVIL ENGINEER (510_)		1

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— DATA ON OFFICERS —
CLASS 1968 - 1969

TOTAL STUDENT OFFICERS 152

NAVY	114
ARMY	20
USMC	10
USAF	6
USCG	2

NAVAL OFFICER CATEGORY

LINE OFFICERS		93
SURFACE	(110_)	24
AVIATION - PILOT	(131_)	67
AVIATION - OTHER	(132_-135_)	2

RESTRICTED LINE OFFICERS		8
ENGINEER DUTY	(140_)	1
" " meteo.	(153_)	1
SPECIAL DUTY	crypto (161_)	2
" " intel	(163_)	3
" " photo	(165_)	1

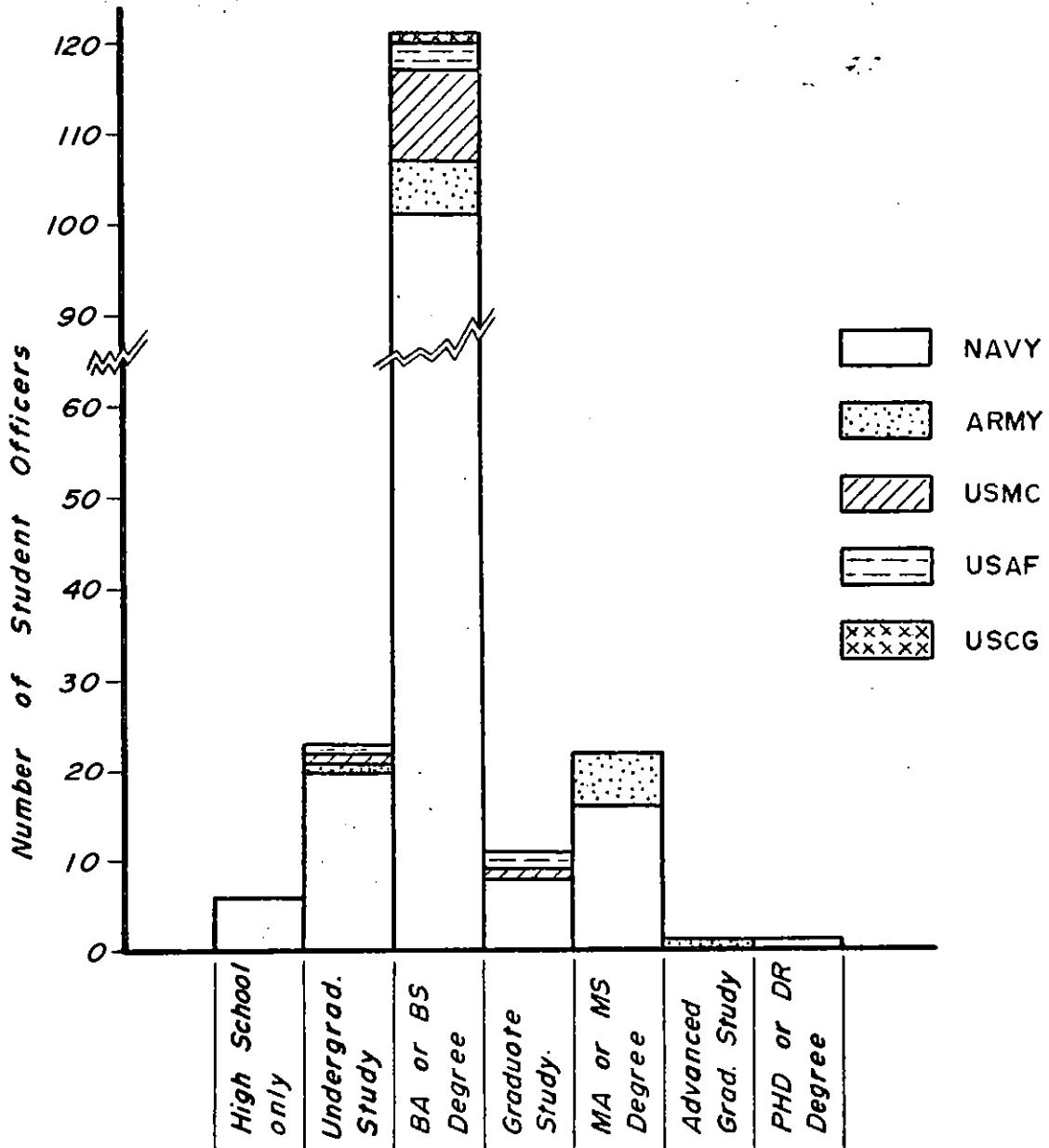
LIMITED DUTY OFFICERS 0

STAFF CORPS OFFICERS		13
DENTAL	(220_)	1
MEDICAL SERVICE	(230_)	1
JUDGE ADVOCATE	(250_)	1
SUPPLY	(310_)	9
CIVIL ENGINEER	(510_)	1

TAB F

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF
CLASS 1964 - 1965

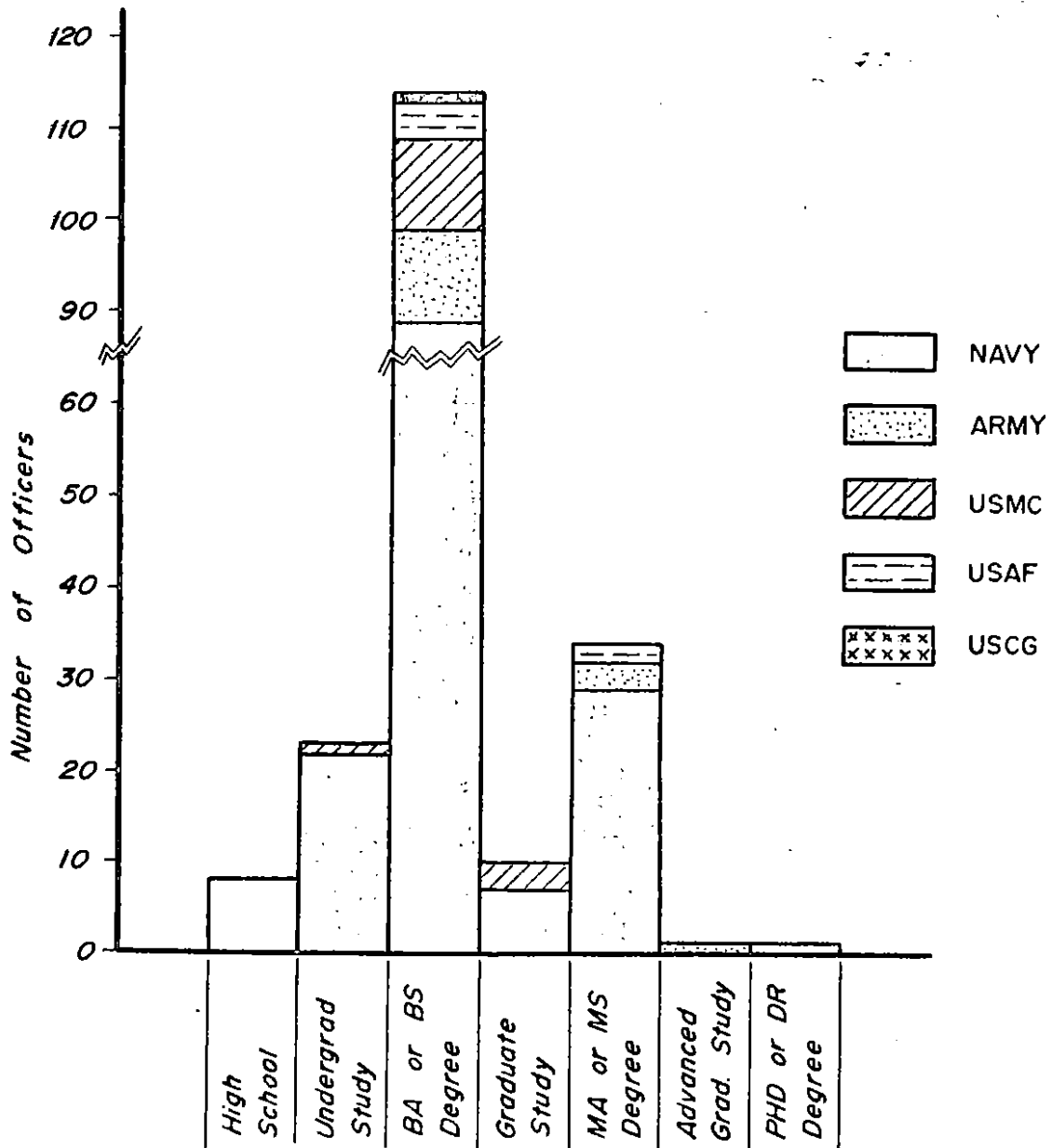
— EDUCATIONAL BACKGROUND —



TAB G

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF
CLASS 1965 - 1966

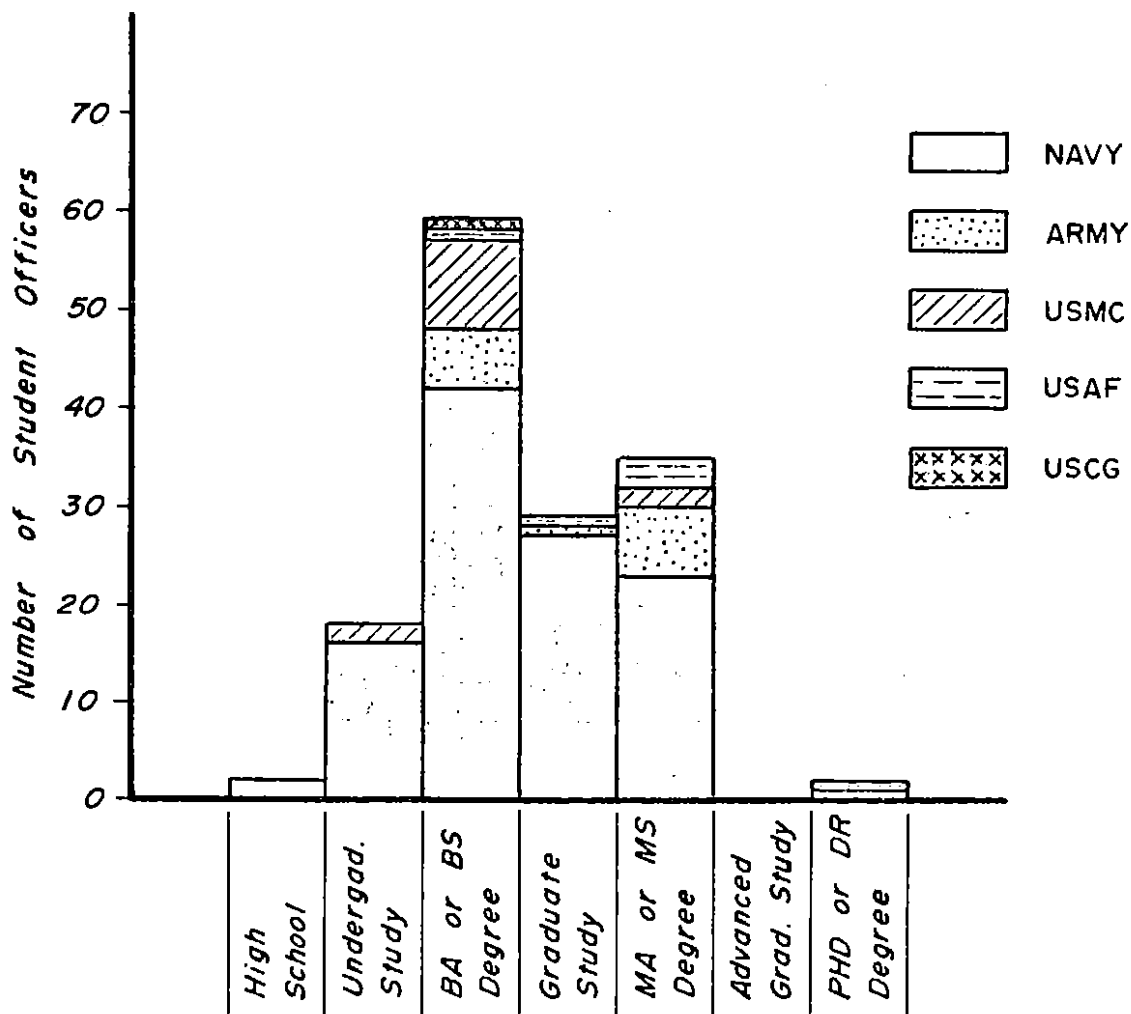
— EDUCATIONAL BACKGROUND —



TAB H

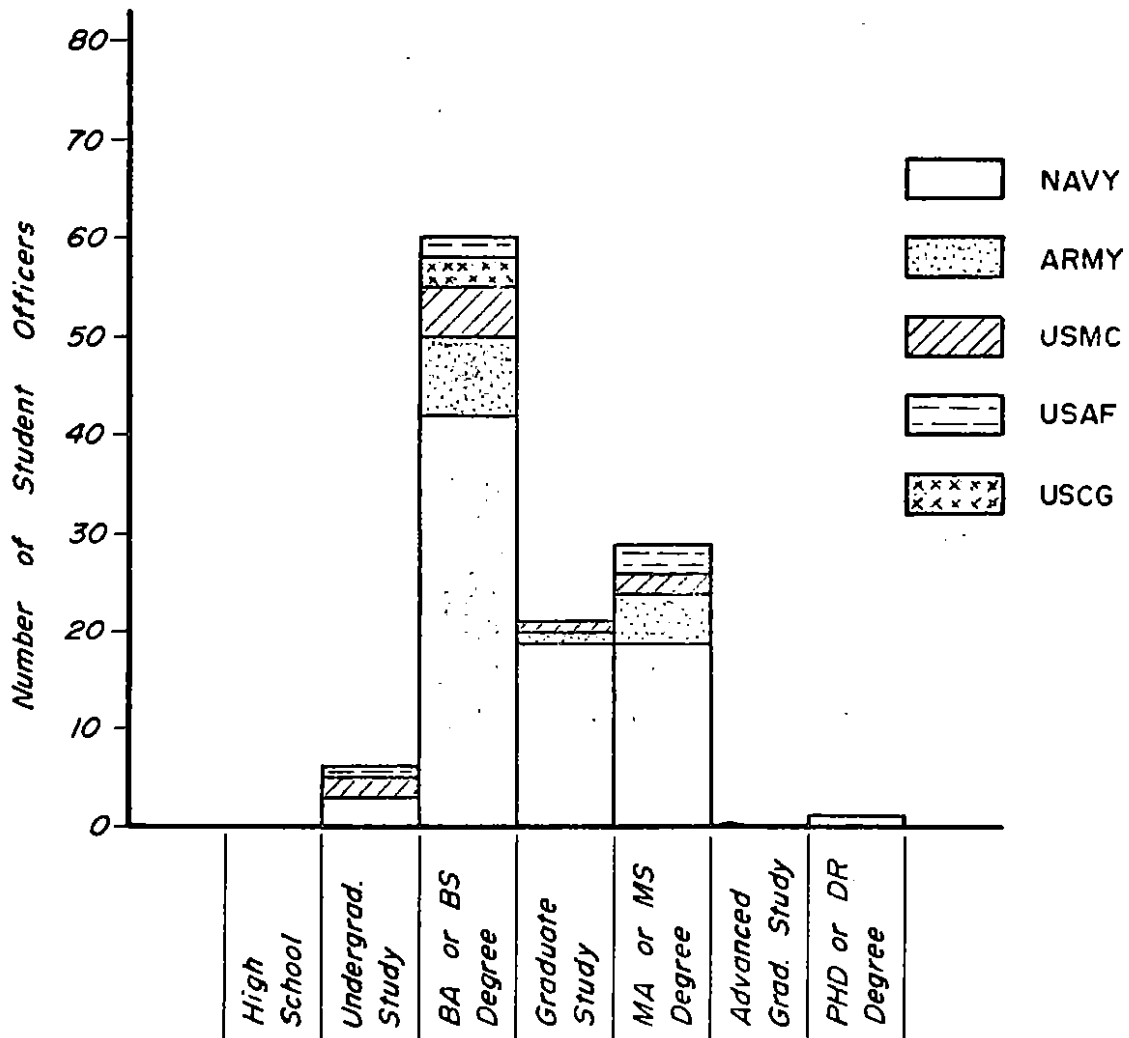
UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1966 - 1967

— EDUCATIONAL BACKGROUND —



TAB I
 UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1967 - 1968

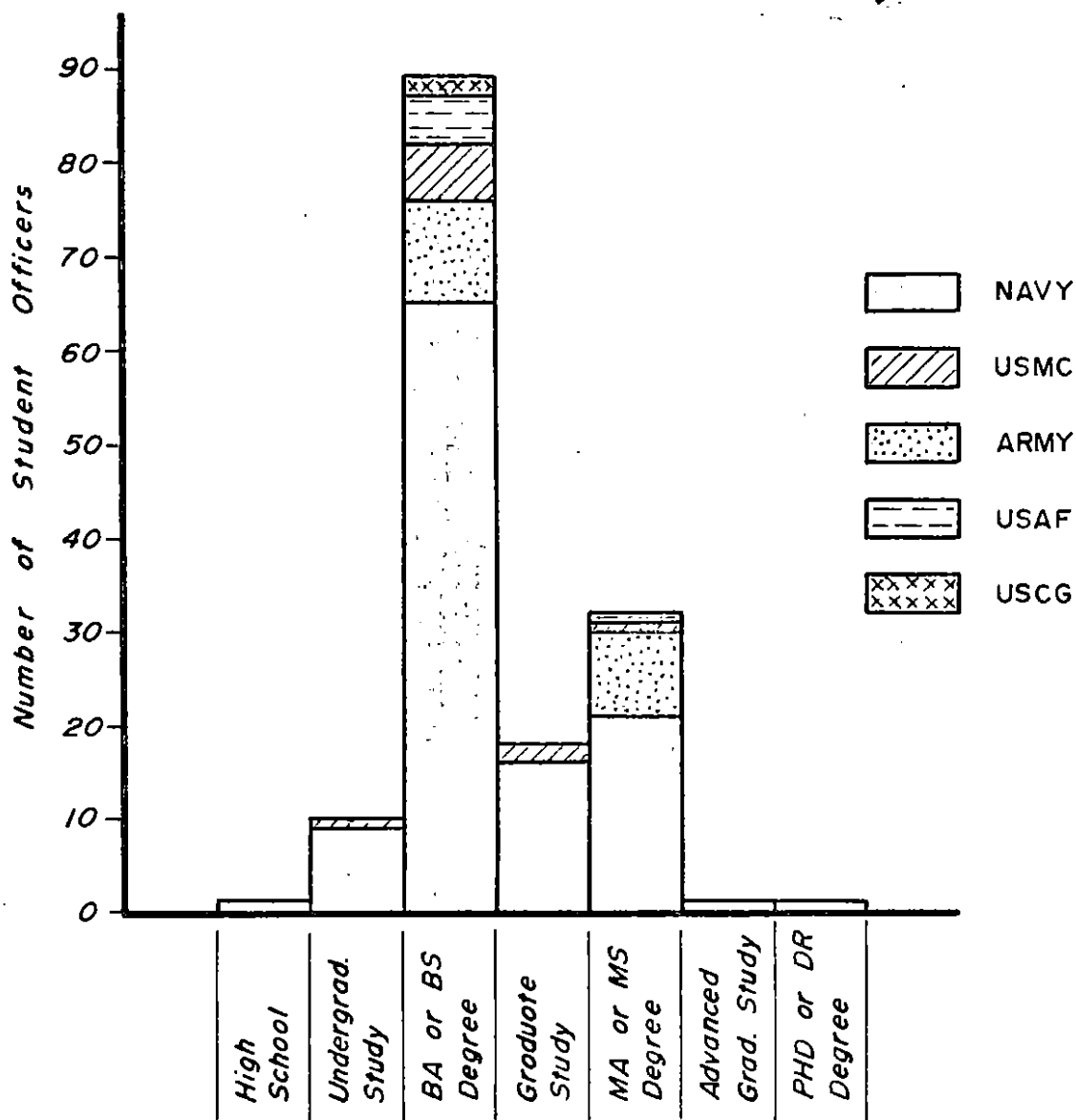
— EDUCATIONAL BACKGROUND —



TAB J

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF
CLASS 1968 - 1969

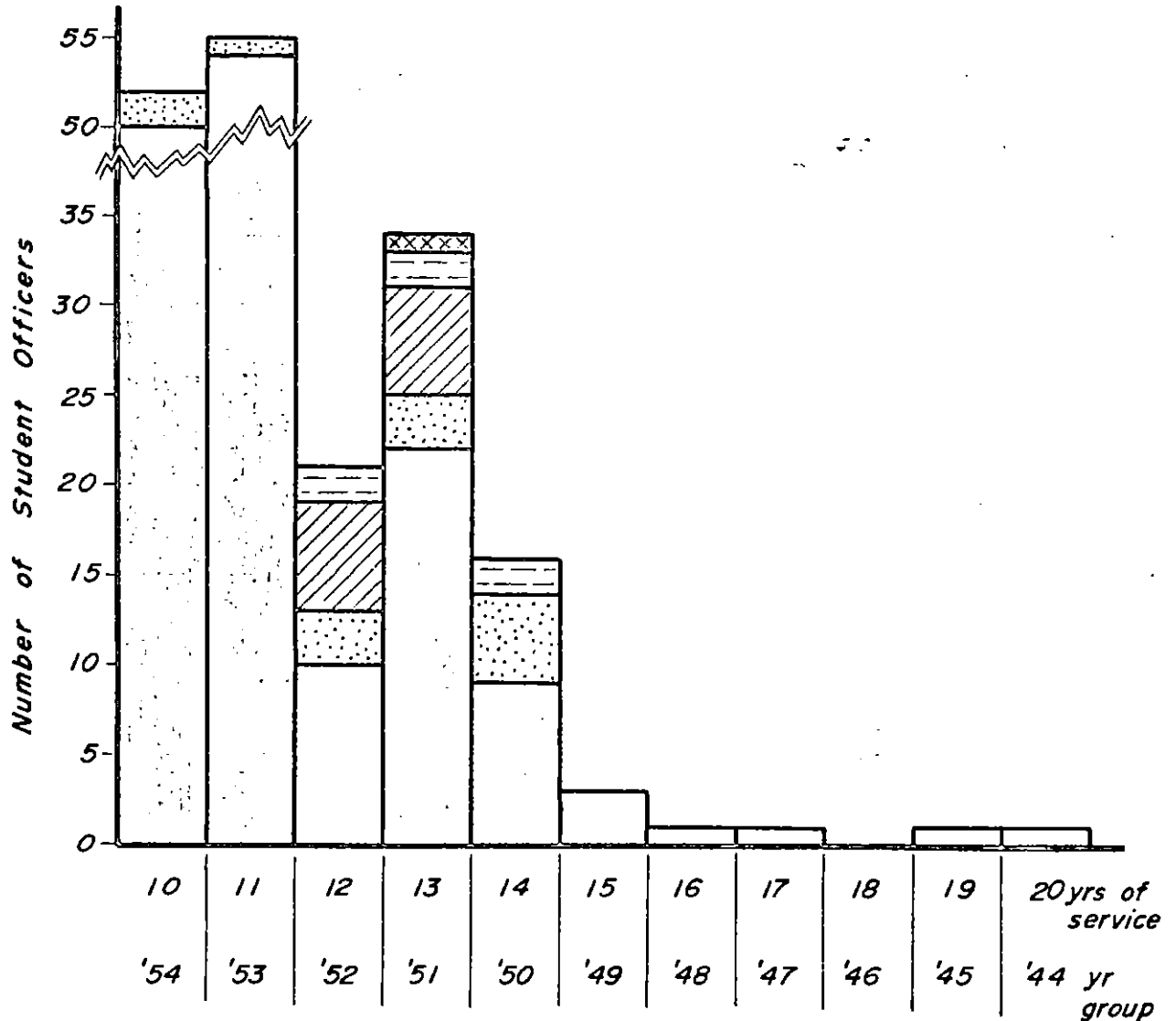
— EDUCATIONAL BACKGROUND —


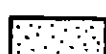
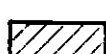
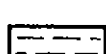
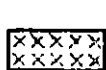


TAB K

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1964 -1965

— YEARS OF COMMISSIONED SERVICE —



-  NAVY
-  ARMY
-  USMC
-  USAF
-  USCG

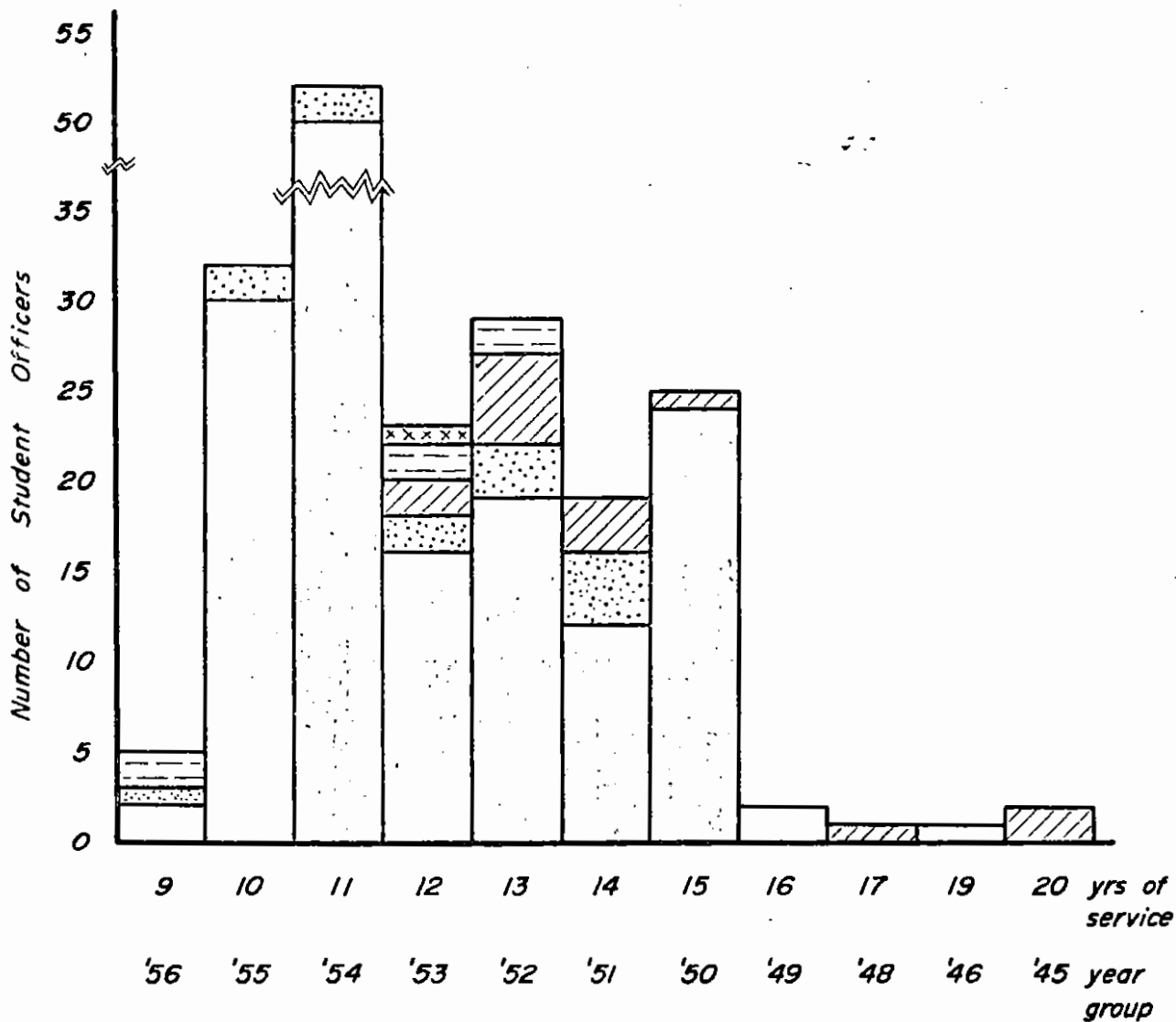
— AVERAGE YRS OF SERVICE —



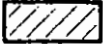
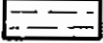

- NAVY — 11.0 years
- USMC — 12.5 "
- ARMY — 12.6 "
- USAF — 13.0 "
- USCG — 13.0 "

TAB L

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1965 - 1966

— YEARS OF COMMISSIONED SERVICE —



-  NAVY
-  ARMY
-  USMC
-  USAF
-  USCG

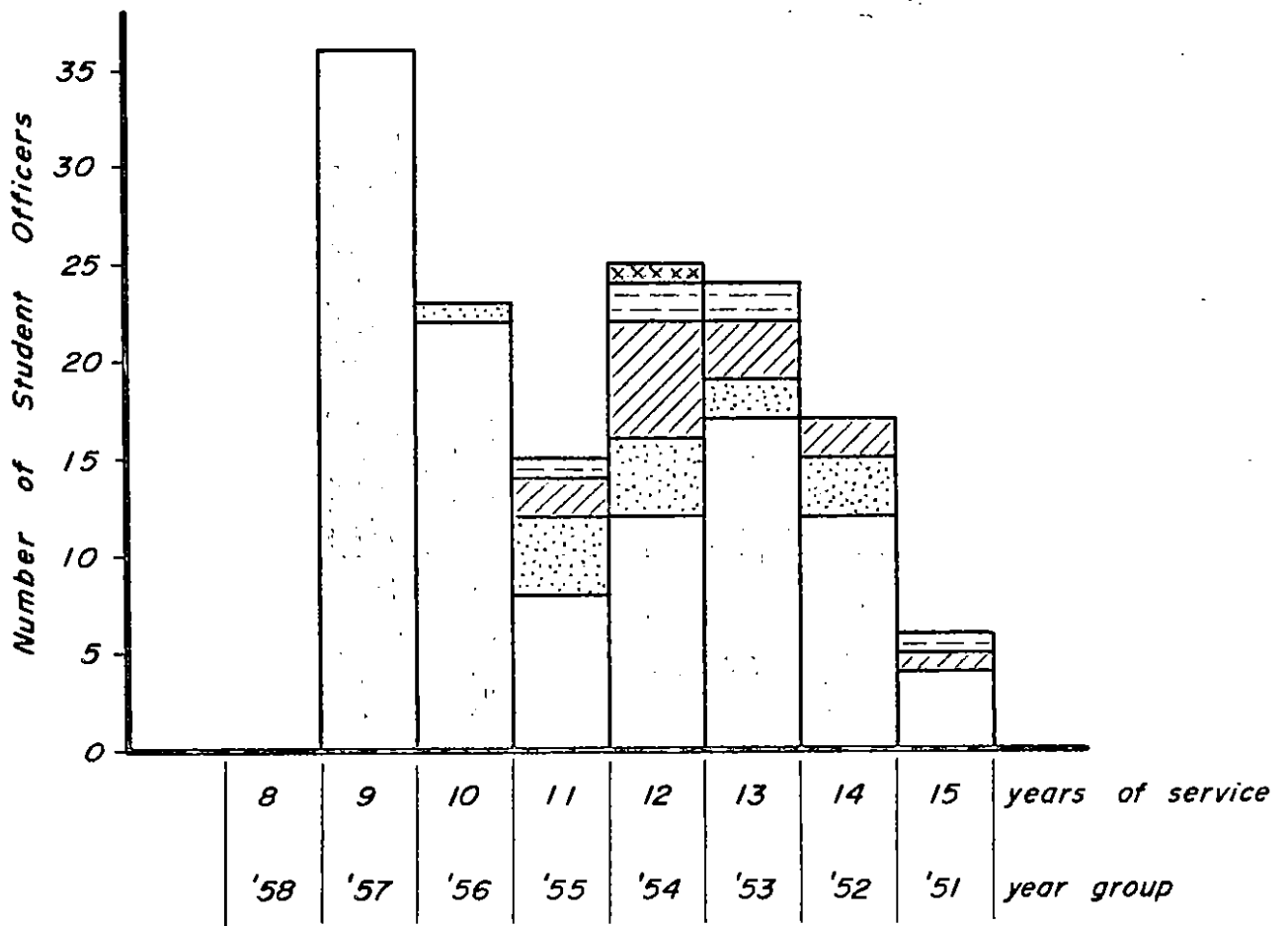
— AVERAGE YRS OF SERVICE —



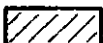
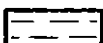
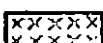
- USAF - 11.3 years
- USCG - 12.0 "
- NAVY - 12.1 "
- ARMY - 12.2 "
- USMC - 14.5 "

TAB M

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1966 - 1967

— YEARS OF COMMISSIONED SERVICE —



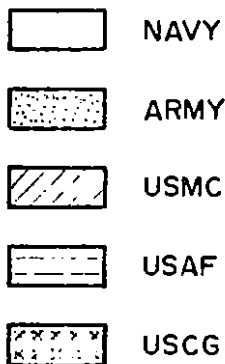
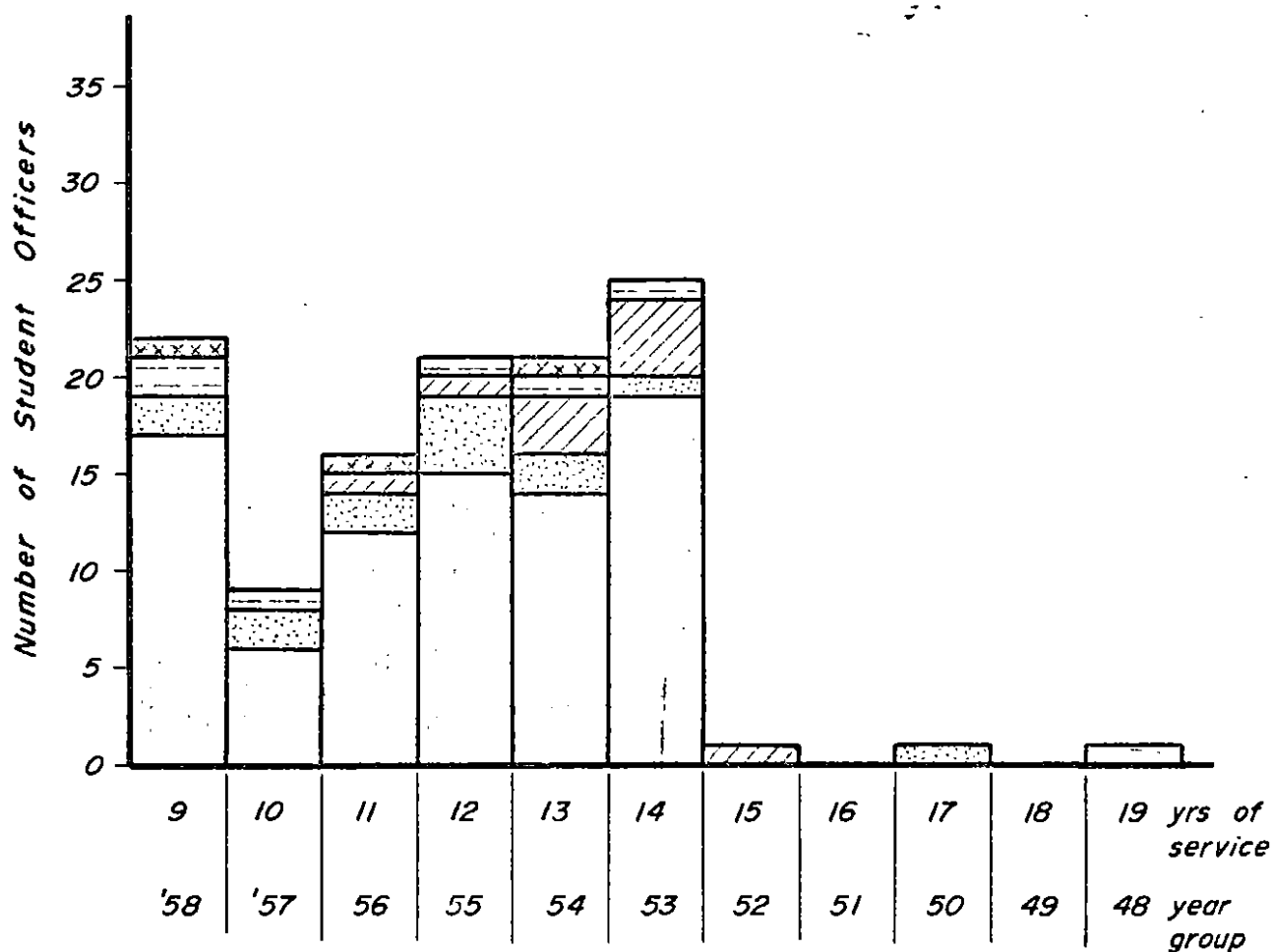
-  NAVY
-  ARMY
-  USMC
-  USAF
-  USCG

— AVERAGE YRS OF SERVICE —

- NAVY — 11.0 years
- USCG — 12.0 "
- ARMY — 12.1 "
- USMC — 12.6 "
- USAF — 12.7 "

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1967 - 1968

- YEARS OF COMMISSIONED SERVICE -



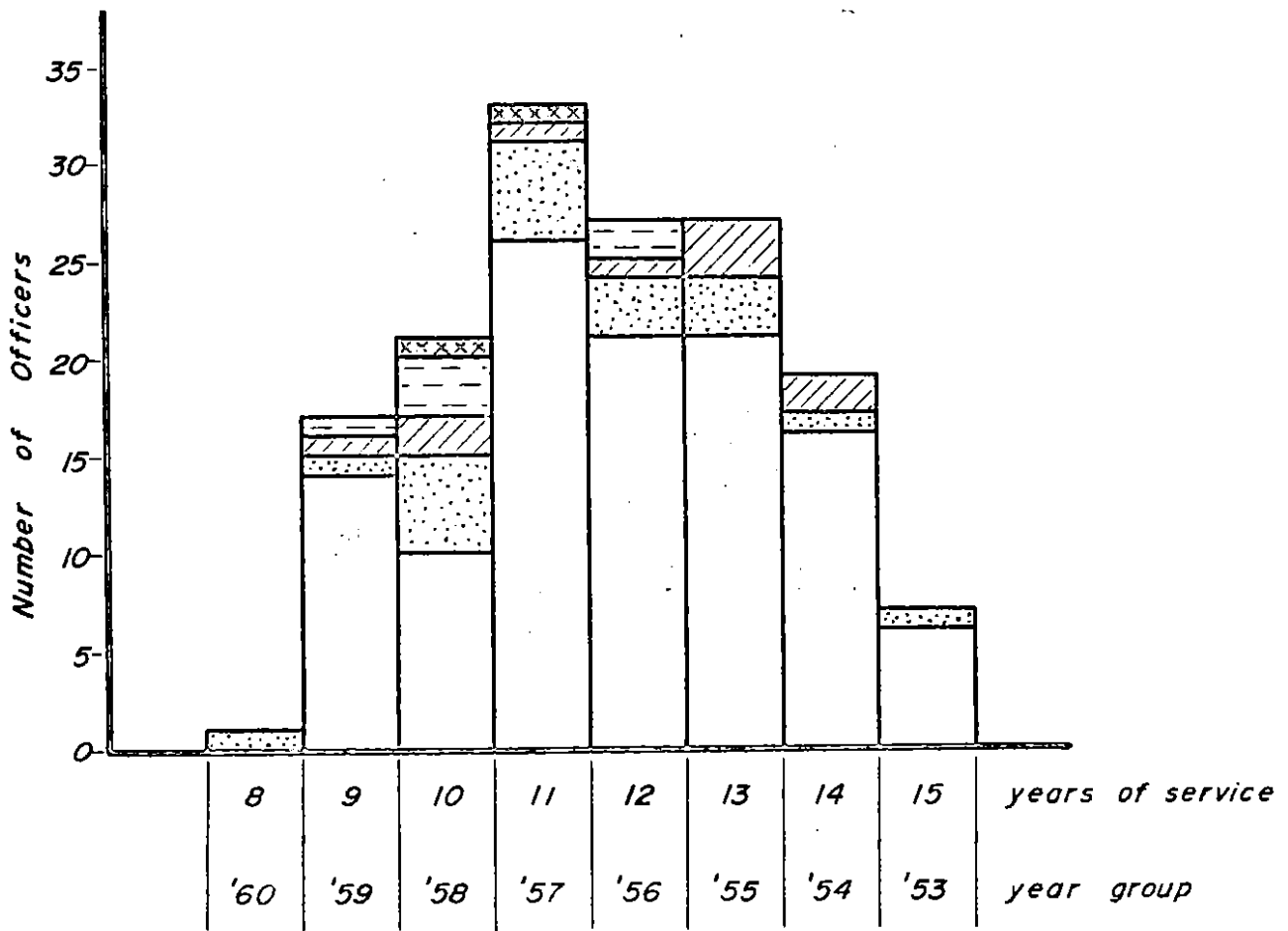
- AVERAGE YRS OF SERVICE -



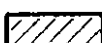
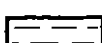
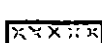
USCG - 11.0 years
 USAF - 11.2 "
 ARMY - 11.8 "
 NAVY - 11.8 "
 USMC - 13.3 "

TAB O

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1968 - 1969

- YEARS OF COMMISSIONED SERVICE -



-  NAVY
-  ARMY
-  USMC
-  USAF
-  USCG

- AVERAGE YRS OF SERVICE -

- NAVY - 12.0 years
- USMC - 11.9 "
- ARMY - 11.3 "
- USAF - 10.5 "
- USCG - 10.5 "

TAB P

OPERATIONAL EXPERIENCE — LINE OFFICERS — SURFACE (110)
 (NAVAL OFFICERS ONLY)

DUTY ASSIGNMENT	ASSIGNMENT OF 61 OFFICERS	EXPERIENCE	REMARKS
COMMAND			45.9% w/CO exp.
XO			60.8% w/XO exp.
STAFF			65.6% w/Staff exp.
Ship based			
Shore based			
Washington			32.8% have served in Washington
OPERATIONAL			
Cruiser			
Carrier			
Destroyer			
Patrol			
Mine			
Amphibious			
Submarine			
Auxiliary			
DEPT HEAD			USN WAR COLLEGE NC and S
INSTRUCTOR			CLASS 1964-1965

TAB Q

OPERATIONAL EXPERIENCE — LINE OFFICERS — SURFACE (110 —)

(NAVAL OFFICERS ONLY)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 55 OFFICERS *	REMARKS
COMMAND		58.2% w/CO exp.
XO		78.2% w/XO exp.
STAFF		} 52.7% w/Staff exp.
Ship based		
Shore based		
Washington		27.3% have served in Washington
OPERATIONAL		*one officer's assignment experience unknown.
Cruiser		
Carrier		
Destroyer		
Patrol		
Mine		
Amphibious		
Submarine		
Auxiliary		
DEPT. HEAD		USN WAR COLLEGE NC and S
INSTRUCTOR		CLASS 1965-1966

TAB R

OPERATIONAL EXPERIENCE — LINE OFFICERS — SURFACE (H/O)

(NAVAL OFFICERS ONLY)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 51 OFFICERS	REMARKS
COMMAND		37.2% w/CO experience
XO		60.8% w/XO experience
STAFF		} 41.2% w/Staff exp.
Ship based		
Shore based		
Washington		33.4% have served in Washington
OPERATIONAL:		
Cruiser		
Carrier		
Destroyer		
Patrol		
Mine		
Amphibious		
Submarine		
Auxiliary		
DEPT HEAD		USN WAR COLLEGE NC and S
INSTRUCTOR		CLASS 1966 — 1967

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1967 - 1968

— OPERATIONAL EXPERIENCE —
 (NAVAL OFFICERS ONLY)

LINE OFFICERS — SURFACE (110_)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 28 OFFICERS	REMARKS
COMMAND	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	39.4% w/CO exp.
XO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	57.1% w/XO exp.
STAFF		
Ship based	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	} 60.7% w/Staff exp.
Shore based	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Washington	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	32.2% have served in Wash.
OPERATIONAL		
Cruiser	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Carrier	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Destroyer	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Patrol	<input type="checkbox"/> <input type="checkbox"/>	
Mine	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Amphibious	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Submarine	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Auxiliary	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
DEPT. HEAD	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
INSTRUCTOR	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

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 10 X 930 INCH
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 10 X 1000 INCH

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1968 - 1969

— OPERATIONAL EXPERIENCE —
 (NAVAL OFFICERS ONLY)

LINE OFFICERS — SURFACE (110_)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 24 OFFICERS	REMARKS
COMMAND	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	25.0% w/CO exp.
XO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	50.0% w/XO exp.
STAFF		} 45.8% w/Staff exp.
Ship based	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Shore based	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Washington	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	37.5% have served in Washington
OPERATIONAL		
Cruiser	<input type="checkbox"/> <input type="checkbox"/>	
Carrier	<input type="checkbox"/>	
Destroyer	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Patrol	<input type="checkbox"/>	
Mine	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Amphibious	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Submarine	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Auxiliary	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
DEPT HEAD	<input type="checkbox"/>	
INSTRUCTOR	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

KE 5 X 5 TO 1/2 INCH 46 0860
 7 X 10 INCHES MADE IN U.S.A.
 KEUFFEL & ESSER CO.

TAB U

OPERATIONAL EXPERIENCE — LINE OFFICERS — AVIATION, PILOT (131—)
 (NAVAL OFFICERS ONLY)

DUTY ASSIGNMENT	ASSIGNMENT	EXPERIENCE	OF	65	OFFICERS	REMARKS
COMMAND						
XO						3.1% w/XO exp.
STAFF						} 46.2% w/Staff exp.
Ship based						
Shore based						
Washington						6.2% have served in Washington
OPERATIONAL						
Fighter						
Attack						
Recon						
Patrol						
ASW						
Transport						
Utility						
Training						
Experimental						
DEPT. HEAD						USN WAR COLLEGE NC and S
INSTRUCTOR						CLASS 1964-1965

TAB V

OPERATIONAL EXPERIENCE — LINE OFFICERS — AVIATION, PILOT (131)
 (NAVAL OFFICERS ONLY)



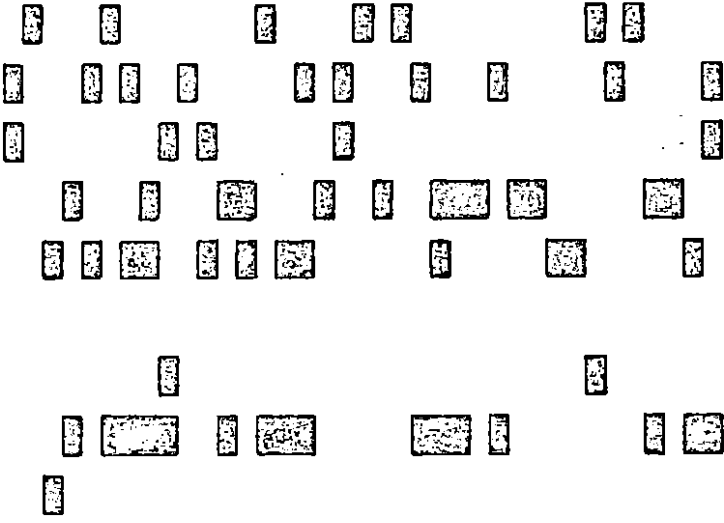


DUTY ASSIGNMENT	ASSIGNMENT	EXPERIENCE	OF	81	OFFICERS	REMARKS
CO						
XO						3.7% w/XO experience
STAFF						} 27.2% w/ Staff exp.
Ship based						
Shore based						
Wash.						6.2% have served in Wash.
OPERAT'L						
Fighter						
Attack						
Recon						
Patrol						
ASW						
Transport						
Utility						
Training						
Experimental						
DEPT. HD.						USNWC
INSTRUCT.						NC and S
						CL 65-66

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1966 - 1967

— OPERATIONAL EXPERIENCE —

(NAVAL OFFICERS ONLY)

LINE OFFICERS - AVIATION, PILOT (13L)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 37 OFFICERS	REMARKS
COMMAND		
XO		5.4% w/ XO experience
STAFF Ship based Shore based Washington		28.0% w/Staff experience 2.8% have served in Wash.
OPERATIONAL Fighter Attack Recon Patrol ASW Transport Utility Training Experimental		
DEPT. HEAD		
INSTRUCTOR		

UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF
 CLASS 1967 - 1968

— OPERATIONAL EXPERIENCE —
 (NAVAL OFFICERS ONLY)

LINE OFFICERS — AVIATION, PILOT (131_)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 34 OFFICERS	REMARKS
COMMAND		
XO		
STAFF Ship based Shore based Washington		} 50.0% w/Staff experience 26.5% have served in Wash.
OPERATIONAL Fighter Attack Recon Patrol ASW Transport Utility Training Experimental		
DEPT. HEAD		
INSTRUCTOR		

TAB V

OPERATIONAL EXPERIENCE — LINE OFFICERS, AVIATION, PILOT (131)
 (NAVAL OFFICERS ONLY)

DUTY ASSIGNMENT	ASSIGNMENT EXPERIENCE OF 67 OFFICERS										REMARKS
COMMAND											1.5% w/CO exp.
XO											
STAFF											23.9% w/Staff exp.
Ship based											
Shore based											
Washington											16.4% have served in Washington
OPERATIONAL											
Fighter											
Attack											
Recon											
Patrol											
ASW											
Transport											
Utility											
Training											
Experimental											
DEPT. HEAD											USN WAR COLLEGE NC and S
INSTRUCTOR											CLASS 1968-1969

TAB Z

INVENTORY GAINS AND LOSSES 1962 - 1969

		UNRESTRICTED LINE				RESTRICTED LINE & STAFF					
Y E A R	NWC	OTHER	TOTAL				NWC	OTHER	TOTAL		TOTAL
	C&S	C&S	C&S	TOTAL	TOTAL	C&S	C&S	C&S	LOSSE	INVENTORY	
	INPUT	INPUT	INPUT	LOSSES	INVENTORY	INPUT	INPUT	INPUT			
62	1161	74	1190	2	-	21	8	39	3	-	
63	116	78	194	189	12 191	16	13	29	26	133	
64	111	102	213	245	12 24	19	18	37	43	136	
65	130	127	257	223	11 92	22	18	40	32	130	
65	137	129	266	224	12 25	19	20	39	32	133	
67	92	122	214	193	12 68	19	18	37	22	143	
68	54	109	173	179	12 90	20	19	39	37	153	
69	93	129	222	195	14 13	21	18	39	24	173	
SOURCE:		SUPERS REPORT NMIS 5310-0369-04-AM 02-10-69									
TAB:		INVENTORY GAINS AND LOSSES (R&S) (21-05-65) (11-05-65) (R&S)									
		206									

TAB AA

PLANNED BUILDUP NAVAL WAR COLLEGE COMMAND AND STAFF

Y E A R	UNRESTRICTED LINE				RESTRICTED LINE &							
	NWC TOTAL QUOTA	NWC QUOTA	OTHER QUOTA	TOTAL	LOSSES	TOTAL INVENTORY	NWC QUOTA	OTHER QUOTA	TOTAL	LOSS	GAINS	TOTAL INVENTORY
69	150	158	129	267	212	1509	22	18	40	35	5	150
70	225	203	129	332	212	1429	22	18	40	35	5	155
71	240	218	129	347	212	1564	22	18	40	35	5	160
72	255	233	129	362	212	1714	22	18	40	35	5	165
73	270	248	129	377	212	1879	22	18	40	35	5	170
74	295	273	129	402	212	2069	22	18	40	35	5	175
75	310	288	129	417	212	2274	22	18	40	35	5	180
76	325	303	129	432	212	2494	22	18	40	35	5	185
77	340	318	129	447	267	2674	22	18	40	40	0	185
78	355	333	129	462	332	2804	22	18	40	40	0	185
79	365	363	129	492	347	2949	22	18	40	40	0	185
80	400	378	129	507	362	3084	22	18	40	40	0	185
81	400	378	129	507	377	3214						
82	400	378	129	507	402	3319						
83	400	378	129	507	417	3409						
84	400	378	129	507	432	3496						
85	400	378	129	507	457	3546						
86	400	378	129	507	462	3591						
87	400	378	129	507	482	3606						
88	400	378	129	507	507	3606						

NAVAL WAR COLLEGE COMMAND AND STAFF ACTUAL INPUT/PLANNED 1968-1977

		UNRESTRICTED						RESTRICTED	
		LINE		LINE		LINE		LINE	
Y	TOTAL								
B	NAVC	NAVC	OTHER	TOTAL	RESTRICTED	INVENTORY	TOTAL	PLANNED	
A	QUOTA	QUOTA	QUOTA	QUOTA	LOSSES	GAINS	INVENTORY	STAFF	
68	150	80	121	201	2 2	0	1254		
69	150	93	129	222	2 2	10	1264	NO	
70	156	144	129	273	2 2	61	1325	PLANNED	
71	184	162	129	291	2 2	79	1404	INCREASE	
72	218	186	129	315	2 2	103	1507		
73	232	210	129	339	2 2	127	1634		
74	256	234	129	363	2 2	151	1785		
75	280	258	129	387	2 2	175	1960		
76	304	282	129	411	2 0 1	210	2170		
77	328	306	129	435	2 2 2	213	2383		

IF SOURCE: BUPERS LTR PERS C31a 308 C31a/19 3rd 18 MARCH 1969.

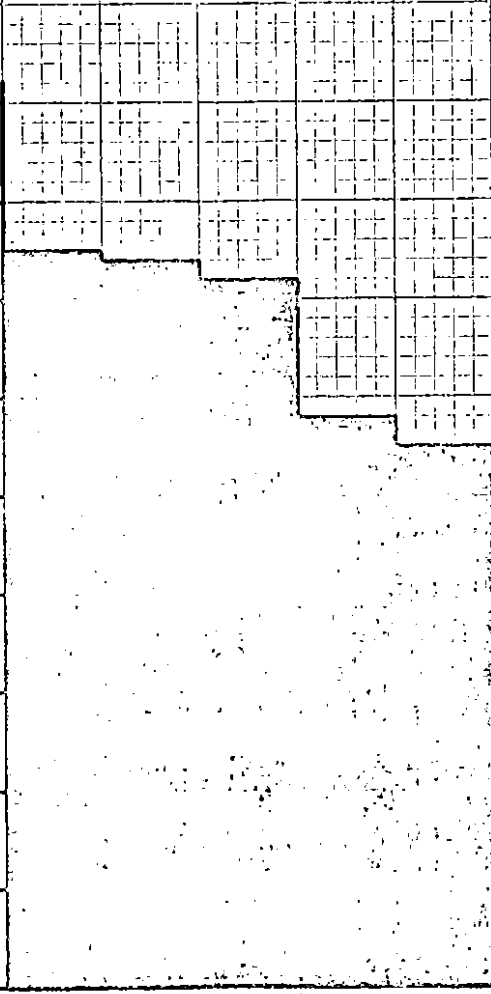
UNITED STATES NAVAL WAR COLLEGE
 SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

I. FUNDAMENTALS OF STRATEGY STUDY.

MEAN RATINGS

10
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3
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1



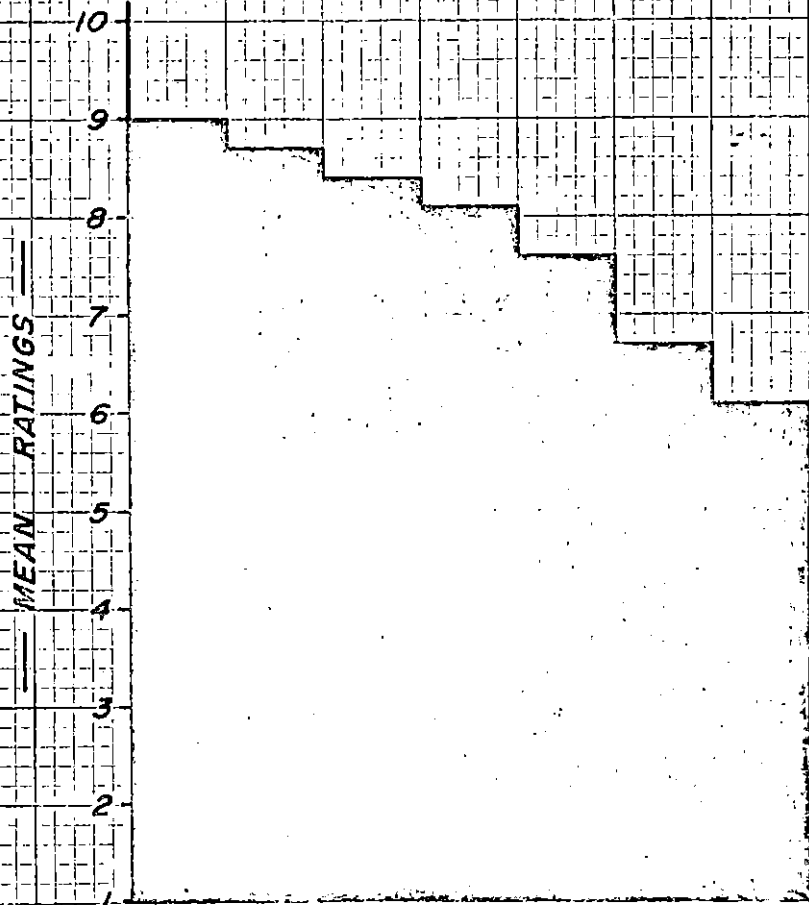
INTERNATIONAL RELATIONS
 CONCEPTS OF STRATEGY
 MILITARY MANAGEMENT
 ECONOMICS
 INTERNATIONAL LAW

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— SURVEY QUESTIONNAIRE ANSWERS —

II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE.



THE THREAT

ANTISUBMARINE WARFARE

STRIKE DELIVERY SYSTEMS

ANTI-AIR WARFARE

AMPHIBIOUS WARFARE

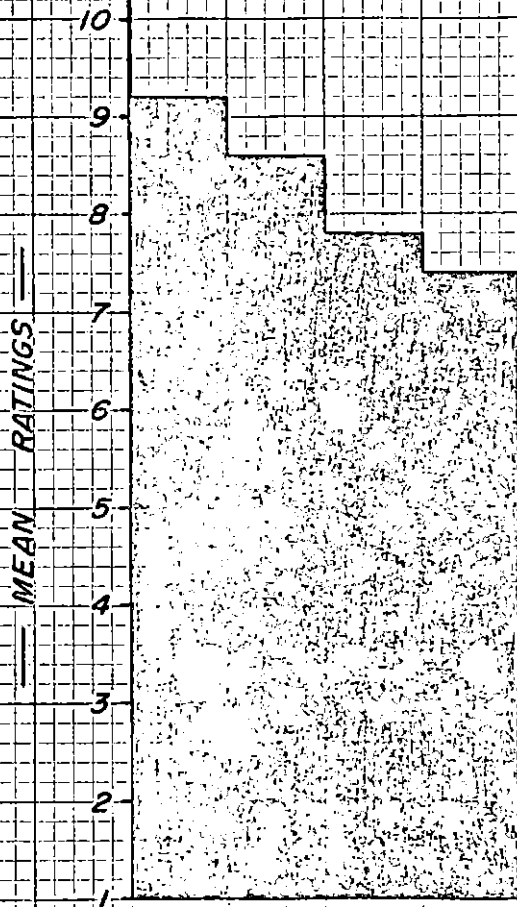
INSHORE WARFARE

MINE WARFARE

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

III. NAVAL OPERATIONAL PLANNING - MILITARY PLANNING.



MILITARY PLANNING

LOGISTICS

COMMUNICATIONS PLANNING

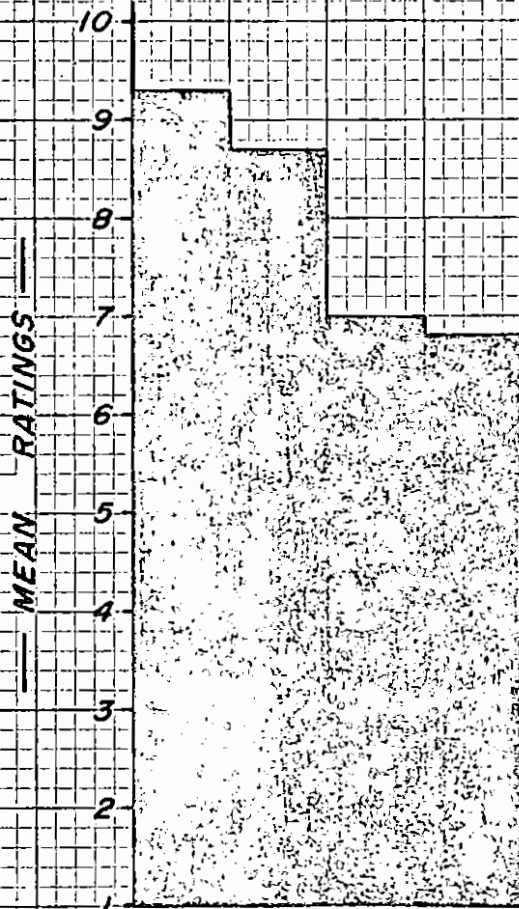
INTELLIGENCE PLANNING

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— SURVEY QUESTIONNAIRE ANSWERS —

IV. INDEPENDENT STUDIES.



PLANNING EXERCISES

STAFF STUDY

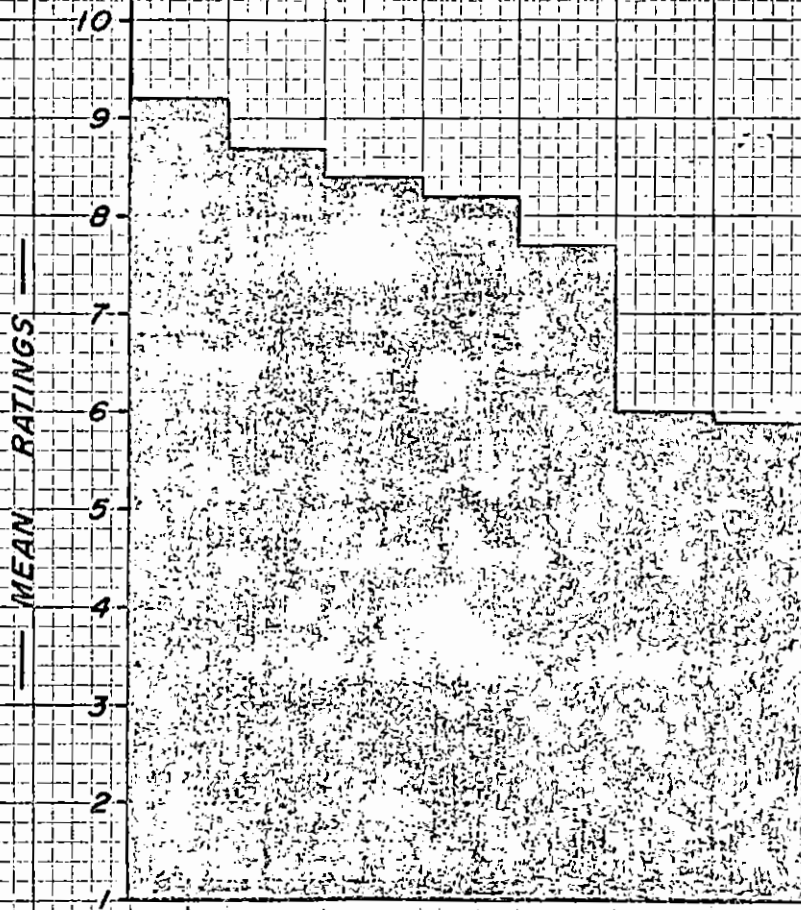
PUBLIC AFFAIRS

COUNTERINSURGENCY

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

V. MAJOR AREAS OF STUDY

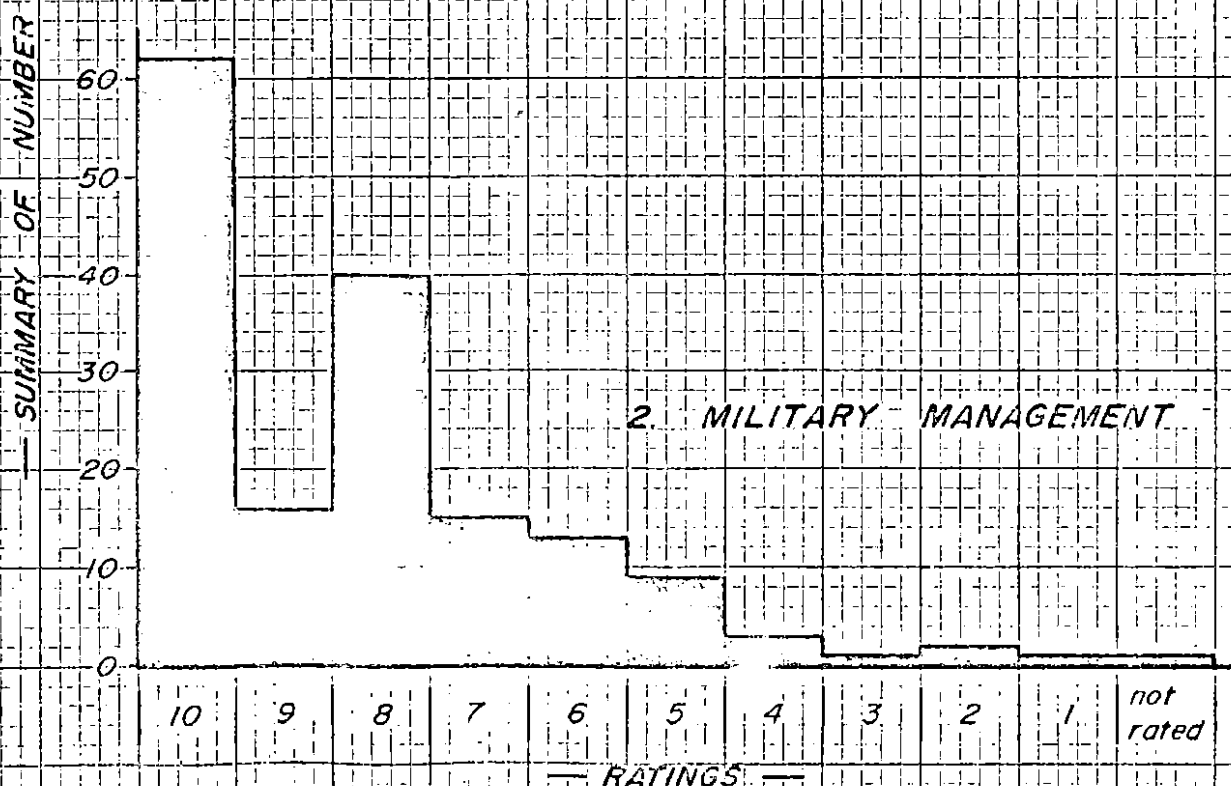
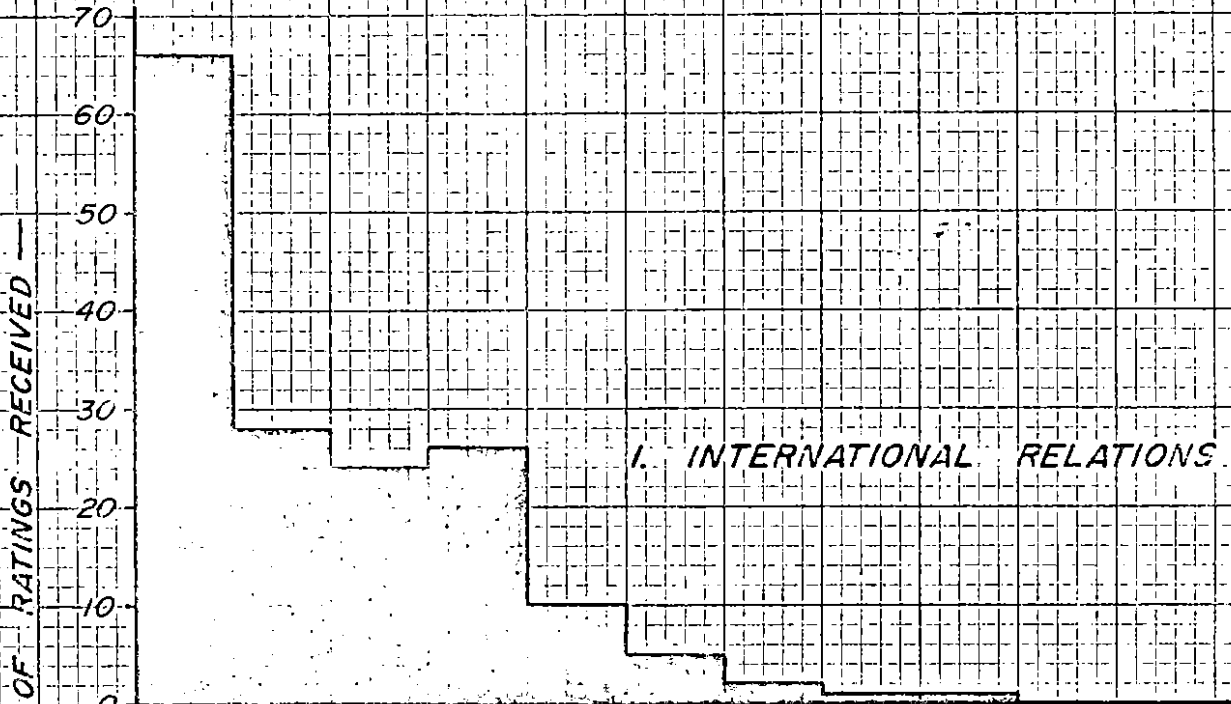


NAVAL OPERATIONAL PLANNING - NAVAL WARFARE
 NAVAL OPERATIONAL PLANNING - MILITARY PLANNING
 FUNDAMENTALS OF STRATEGY
 PLANNING EXERCISES
 STAFF STUDY
 COUNTERINSURGENCY
 PUBLIC AFFAIRS

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

I. FUNDAMENTALS OF STRATEGY STUDY.



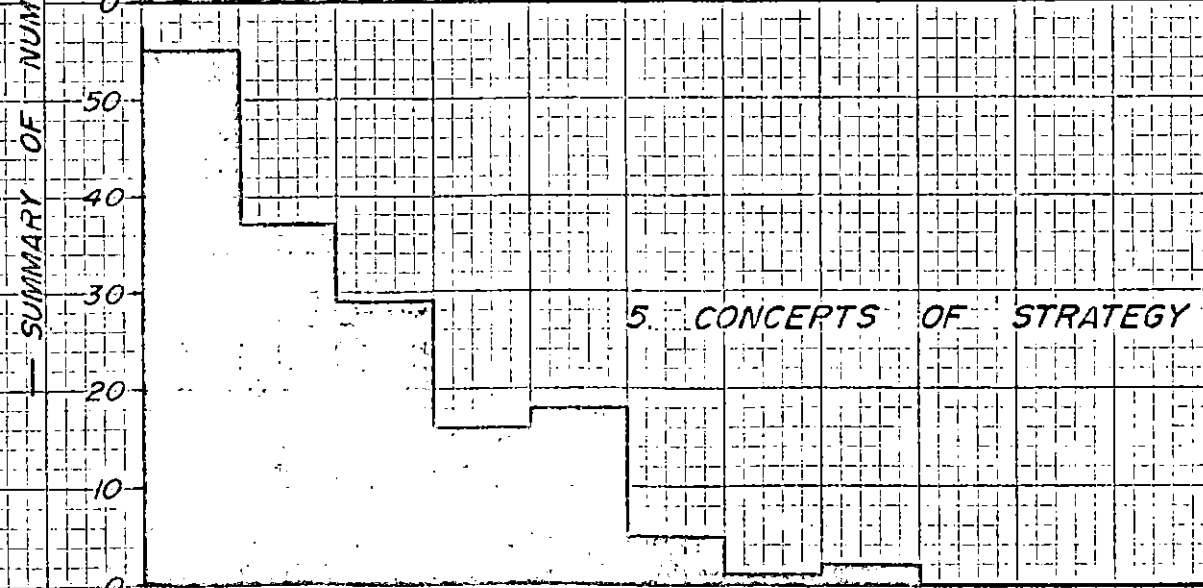
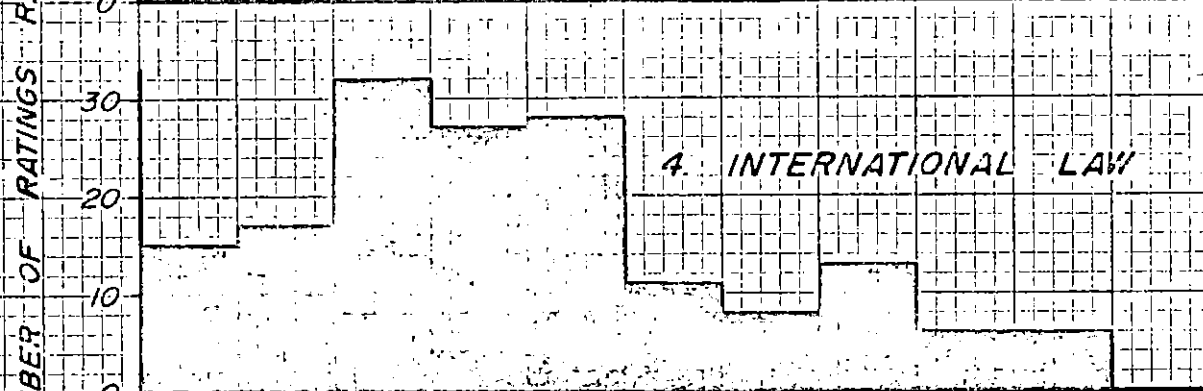
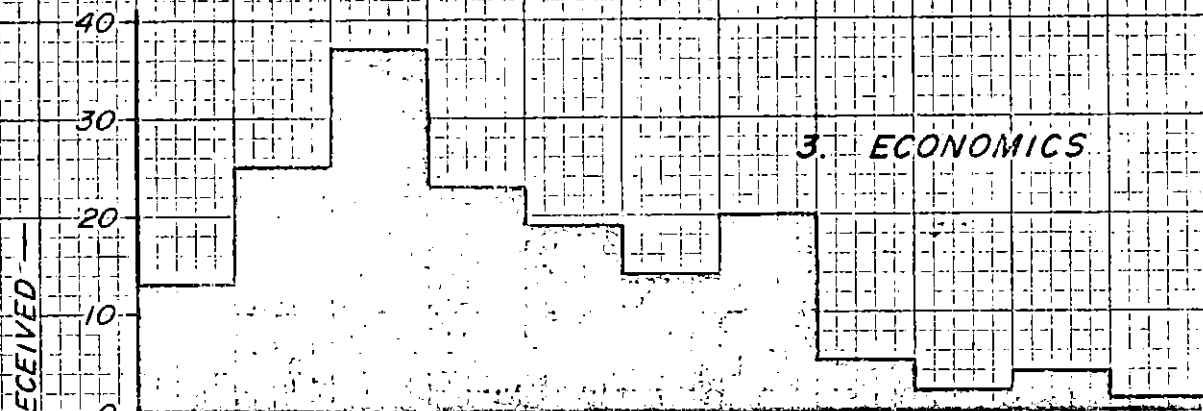
— RATINGS —

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— SURVEY QUESTIONNAIRE ANSWERS —

I. FUNDAMENTALS OF STRATEGY STUDY



10 9 8 7 6 5 4 3 2 1 not rated

— RATINGS —

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SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE.

SUMMARY OF NUMBER OF RATINGS RECEIVED

100
90
80
70
60
50
40
30
20
10
0
20
10
0

1. THE THREAT

2. MINE WARFARE

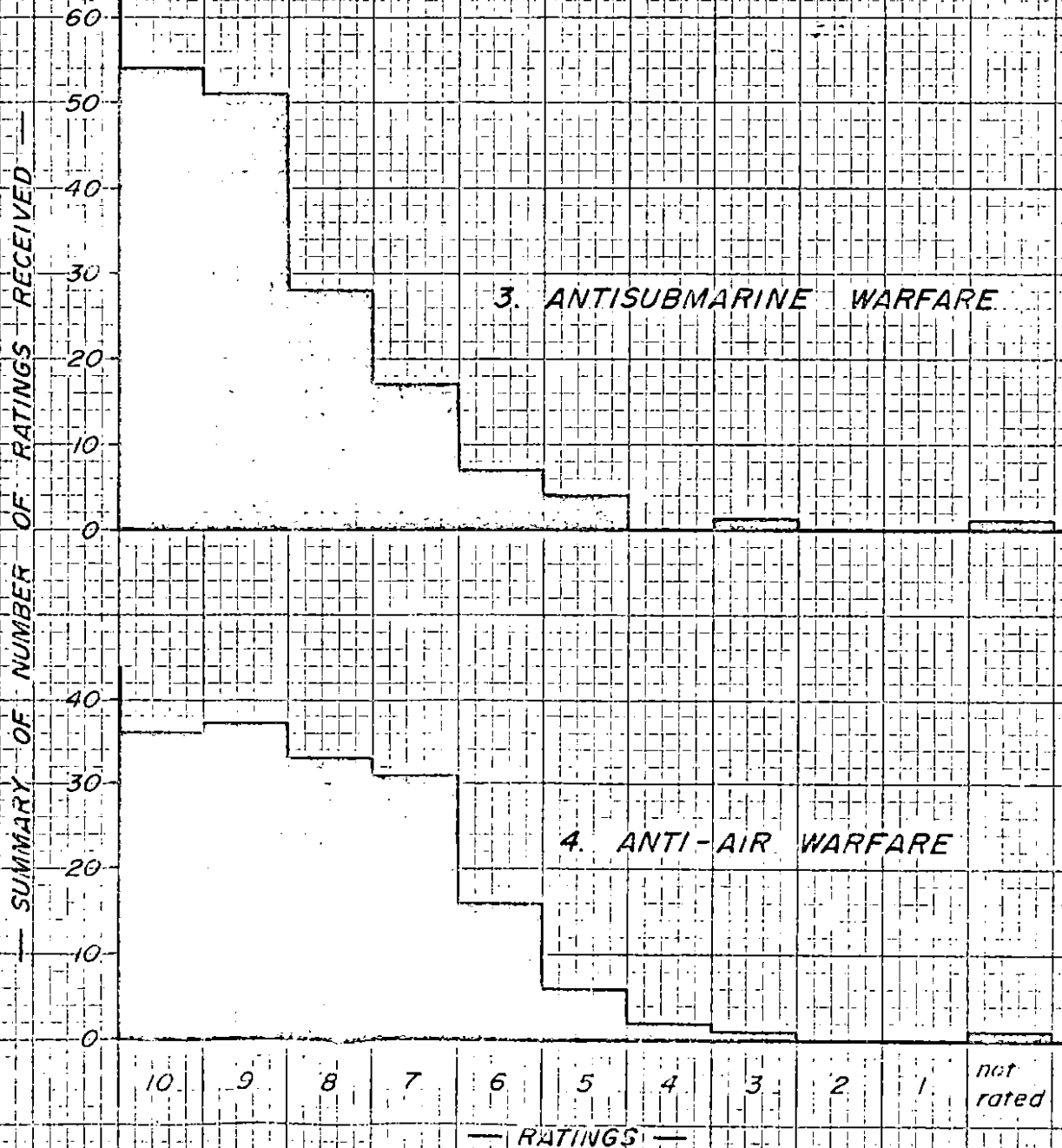
10 9 8 7 6 5 4 3 2 1 not rated

— RATINGS —

UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE.



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UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

II. NAVAL OPERATIONAL PLANNING - NAVAL WARFARE.

SUMMARY OF NUMBER OF RATINGS RECEIVED

50
40
30
20
10
0

30
20
10
0

40
30
20
10
0

5. STRIKE DELIVERY SYSTEMS

6. INSHORE WARFARE

7. AMPHIBIOUS WARFARE

10 9 8 7 6 5 4 3 2 1 not rated

— RATINGS —

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7 X 10 INCHES MADE IN U.S.A.
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UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

III NAVAL OPERATIONAL PLANNING - MILITARY

PLANNING

SUMMARY OF NUMBER OF RATINGS RECEIVED

120
110
100
90
80
70
60
50
40
30
20
10
0

I. MILITARY PLANNING PROCESS

10 9 8 7 6 5 4 3 2 1 not rated

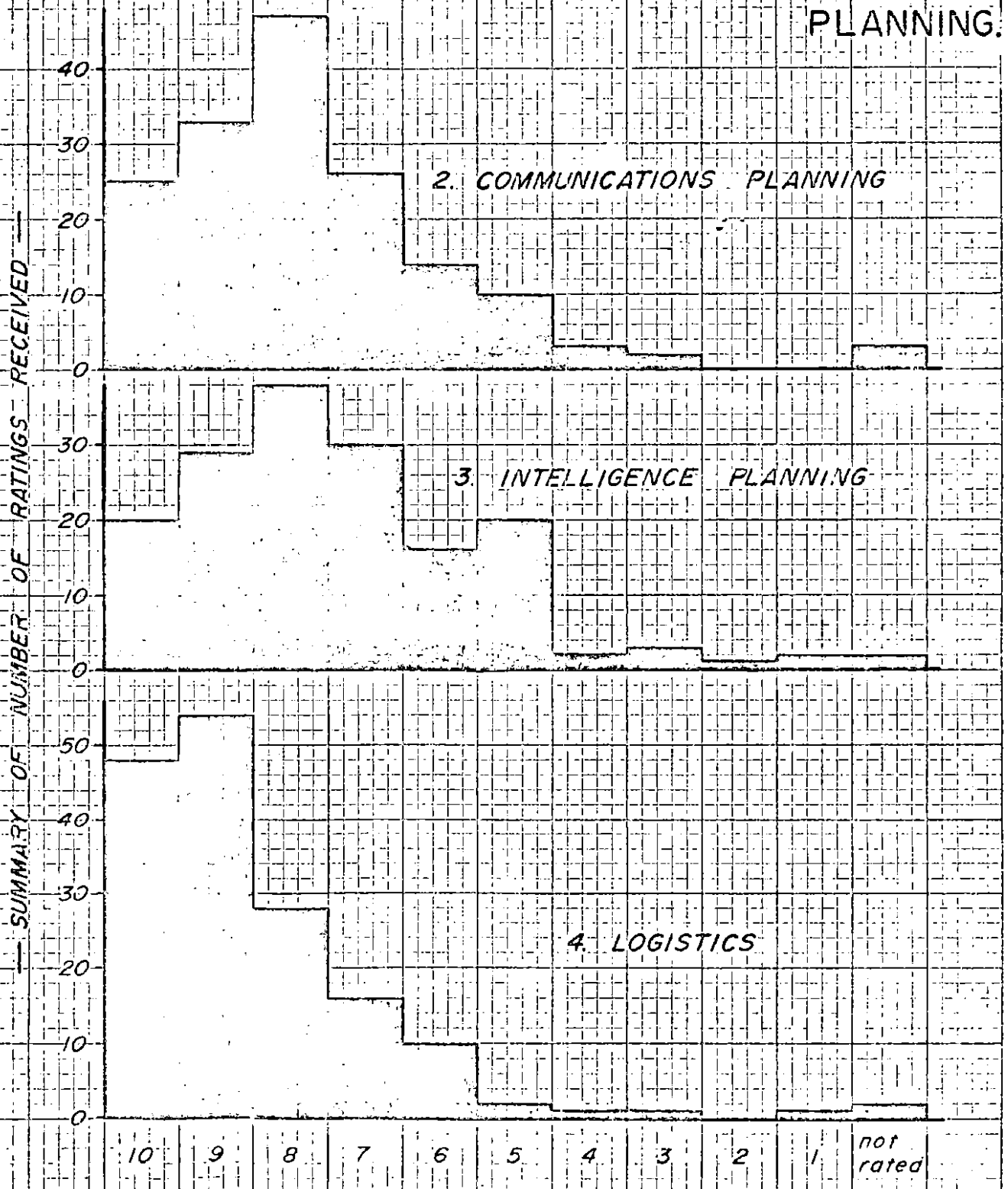
RATINGS

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7 X 10 INCHES MADE IN U.S.A.
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UNITED STATES NAVAL WAR COLLEGE
SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

III NAVAL OPERATIONAL PLANNING - MILITARY



SUMMARY OF NUMBER OF RATINGS RECEIVED

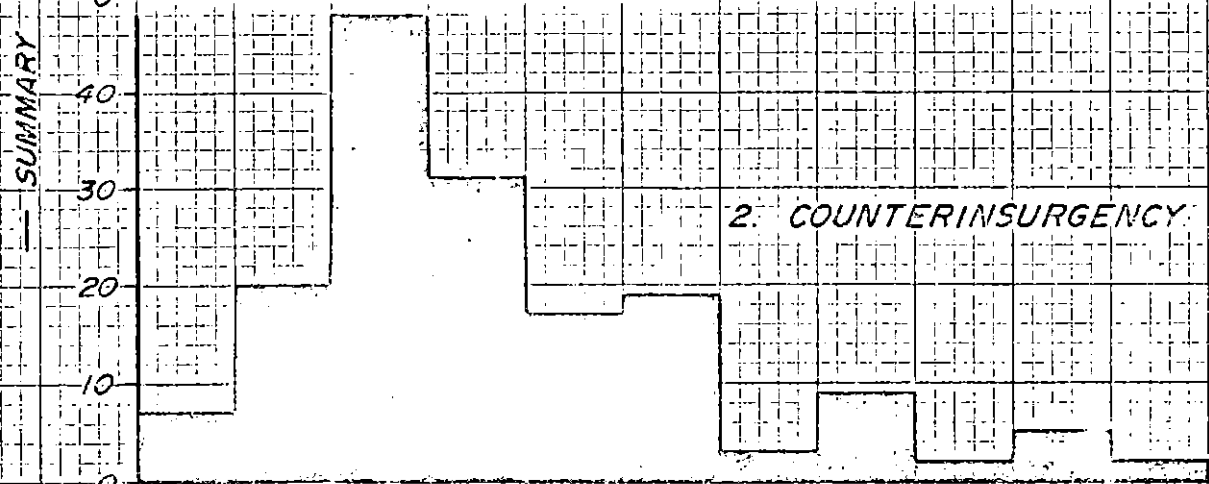
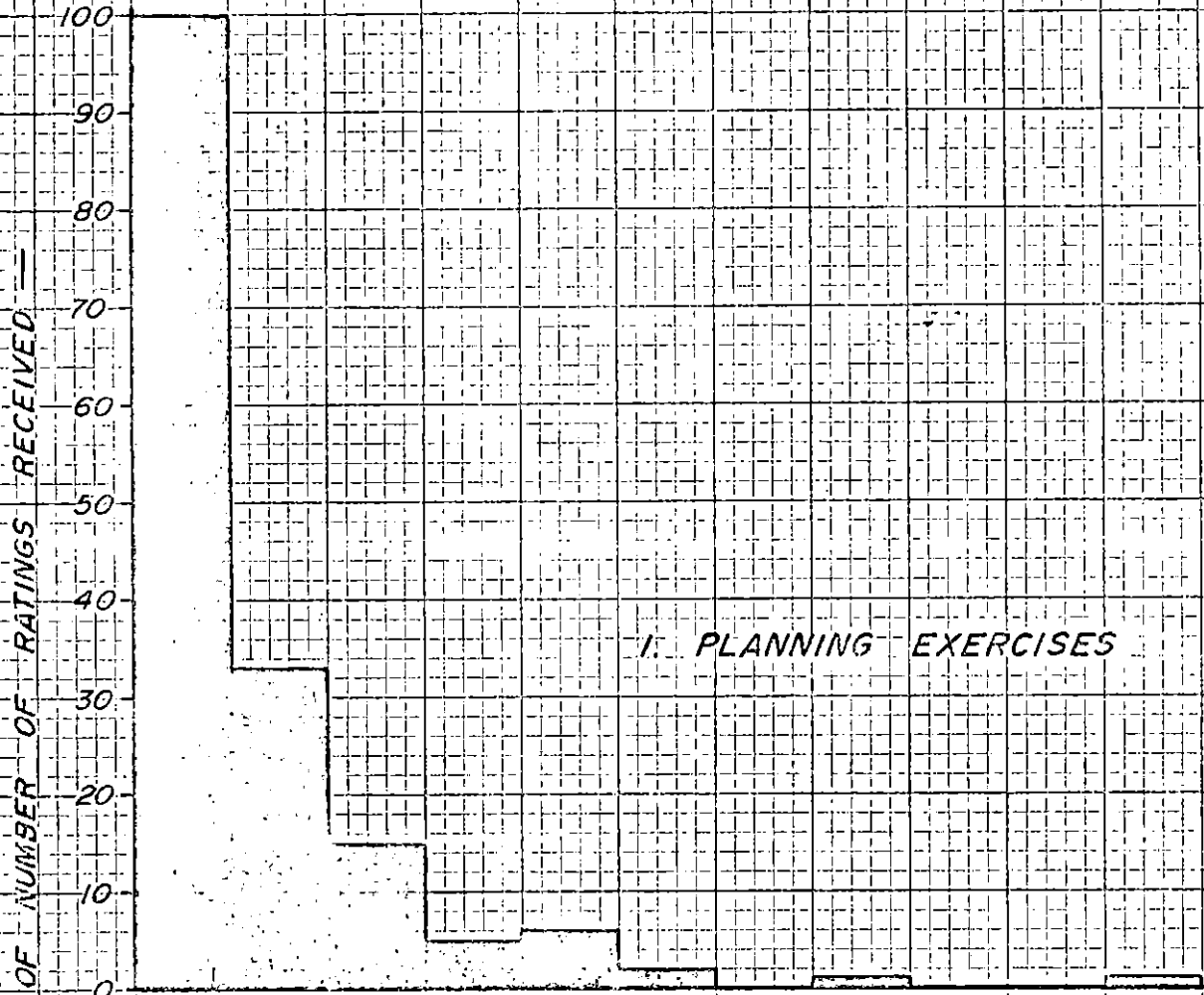
RATINGS

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SCHOOL OF NAVAL COMMAND & STAFF

— SURVEY QUESTIONNAIRE ANSWERS —

IV. INDEPENDENT STUDIES.



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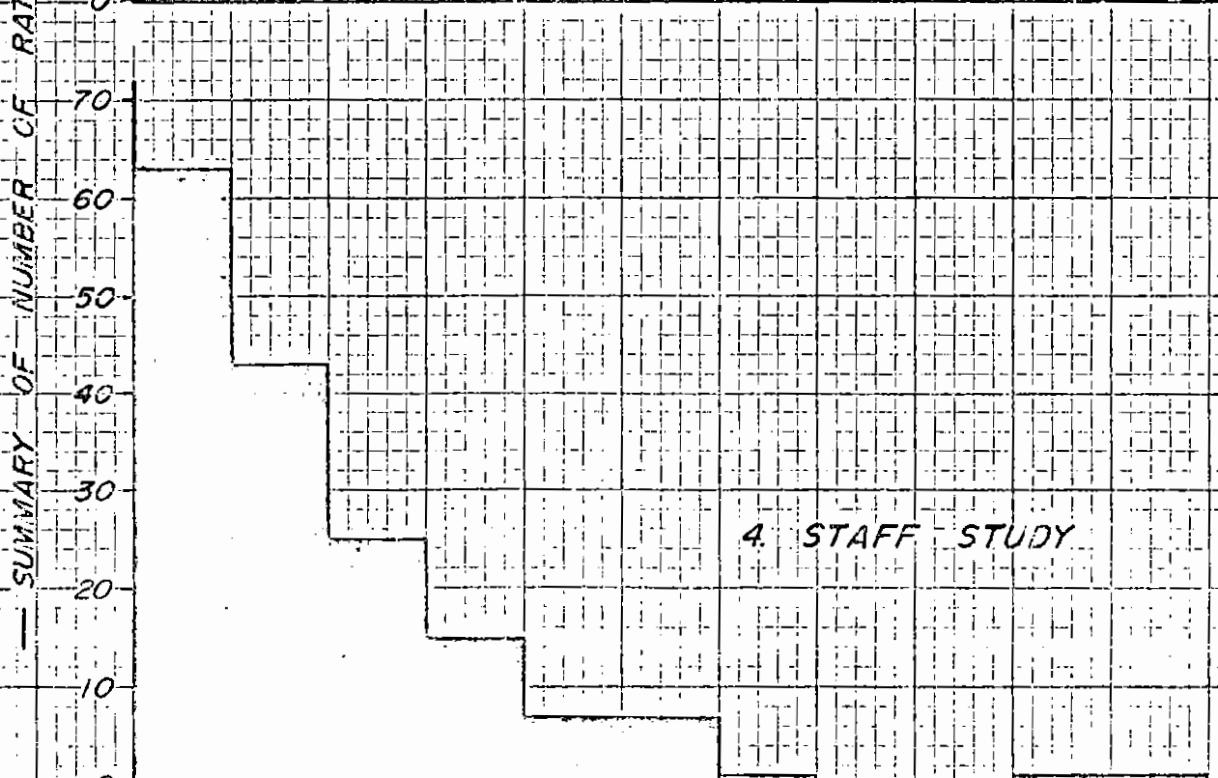
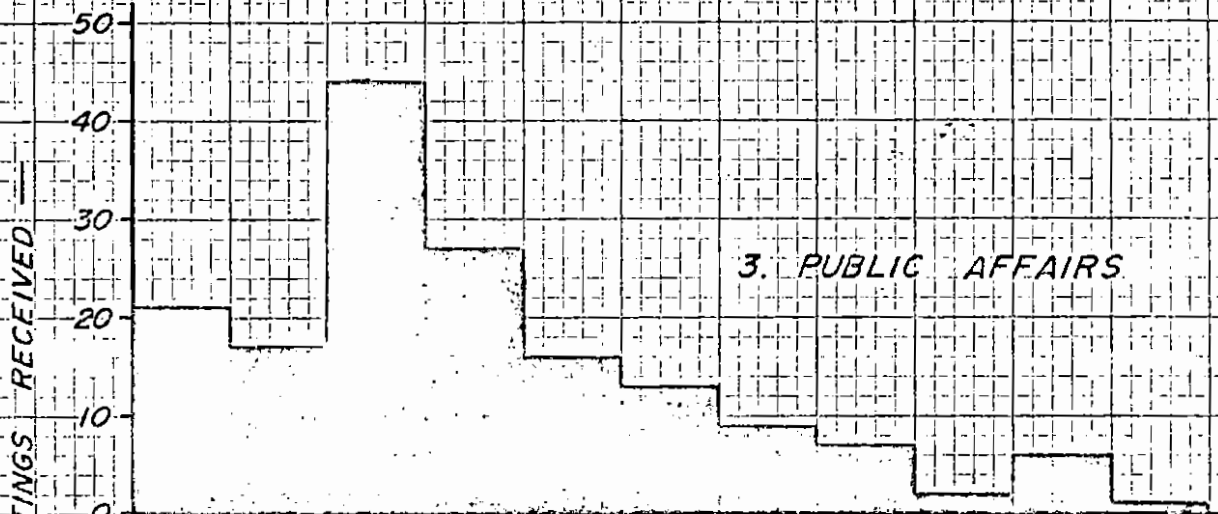
— RATINGS —

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— SURVEY QUESTIONNAIRE ANSWERS —

IV. INDEPENDENT STUDIES.



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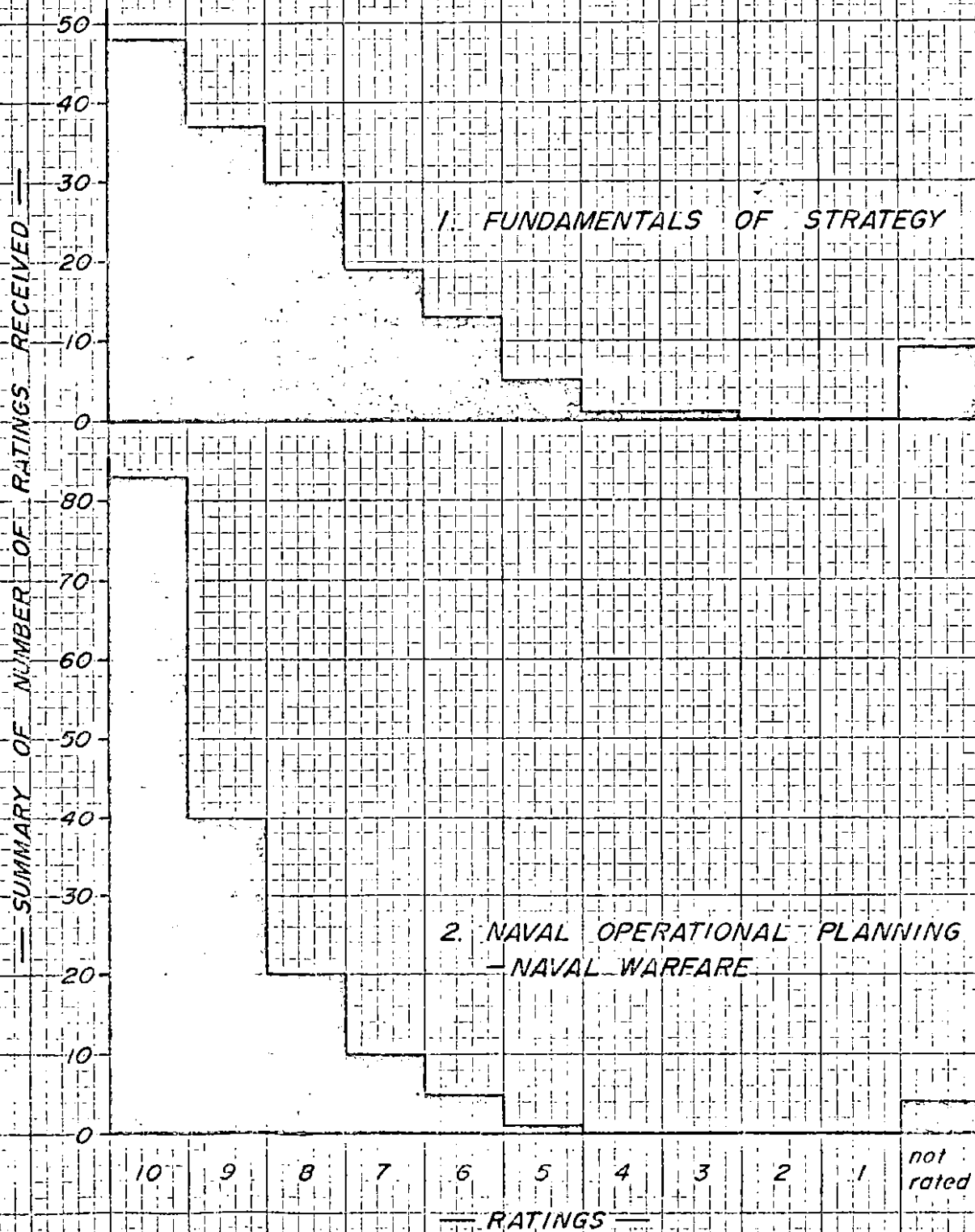
— RATINGS —

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— SURVEY QUESTIONNAIRE ANSWERS —

V. MAJOR AREAS OF STUDY.

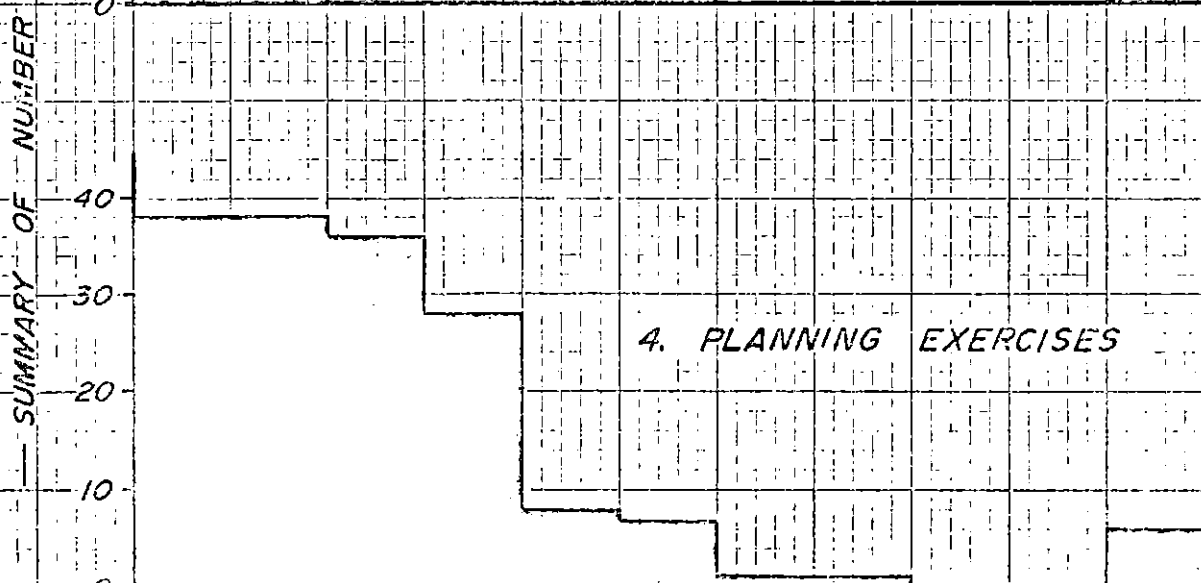
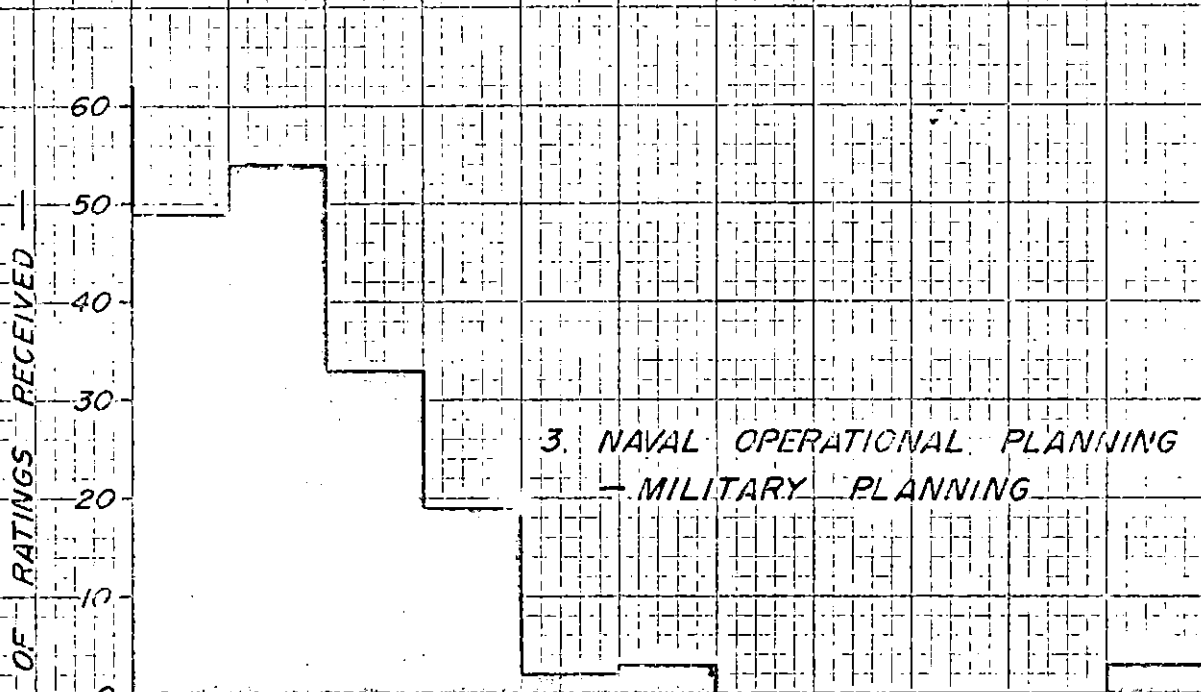


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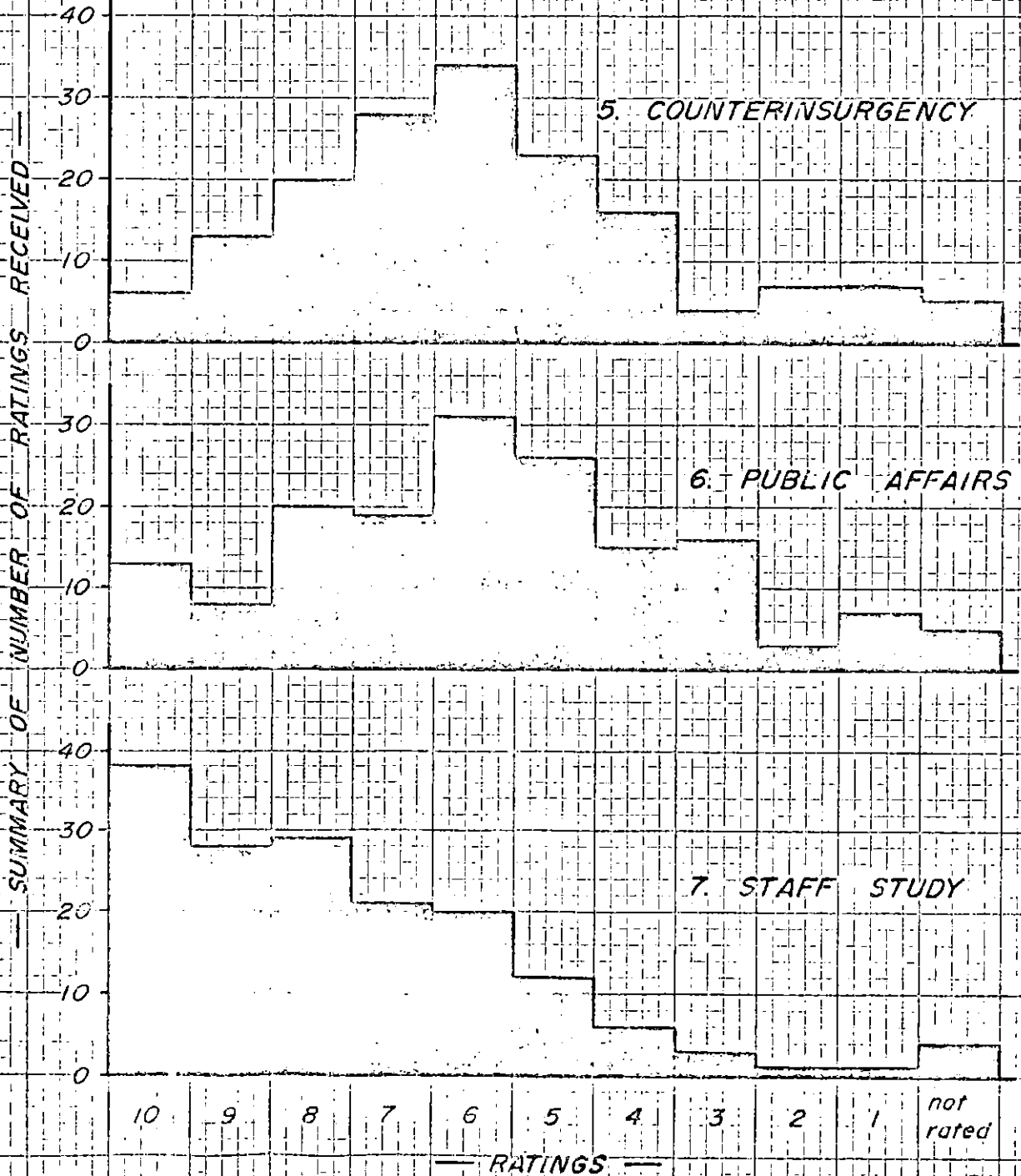
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APPENDIX E

TAB A - COPY OF PROPOSED OPNAVINSTRUCTION 1211.6B

UNDATED SUBJ: IDENTIFICATION OF UNRESTRICTED
LINE OFFICER SUBSPECIALTY BILLETS AND
RESTRICTED LINE AND STAFF CORPS OFFICER
BILLETS REQUIRING GRADUATE LEVEL OR OTHER
SPECIALIZED EDUCATION.

OPNAV INSTRUCTION 1211.6B

From: Chief of Naval Operations
To: Distribution List

Subj: Identification of Unrestricted Line officer subspecialty billets and Restricted Line and Staff Corps Officer billets requiring graduate level or other specialized education

Ref: (a) OPNAVINST 1212.1 (series)
(b) BUPERSINST 1210.13 (series)
(c) OPNAVINST 1000.16 (series)

Encl: (1) Subspecialty areas and definitions
(2) List of Secondary NOBC billet identifiers for Unrestricted Line subspecialties
(3) List of Secondary NOBC billet identifiers for Restricted Line and Staff Corps

1. Purpose. To promulgate the criteria and procedures for identifying officer billets which should be occupied by incumbents who have completed graduate level, baccalaureate or other specialized education, or prior experience in certain designated areas of special interest to the Navy.

2. Cancellation. This instruction cancels and supersedes OPNAV Instruction 1211.6A of 23 July 1965.

3. Background.

a. Subspecialty concept. The subspecialty concept was brought about by the need to develop and utilize the potential in the Unrestricted Line officer community to meet increasing demands in certain areas of endeavor. These areas cover the range of currently defined technical and managerial fields which are essential to the overall effectiveness of the Navy. Most Unrestricted Line officers need additional education beyond the course content and level they have upon entry into the Navy in order to participate in these areas. The billet categories listed in enclosure (1) therefore represent

the requirement for additional education as appropriate for each specific area and are to be used as guidance in determining more specific educational policies. Certain job functions within the subspecialty areas can be satisfied by experience and/or additional training. The billet categories listed in Enclosure (1) also represent those requirements where stated.

Subj: Identification of Unrestricted Line officer subspecialty billets and Restricted Line and Staff Corps officer billets requiring graduate level or other specialized education.

b. Restricted Line and Staff Corps. The Restricted Line and Staff Corps communities fulfill the requirement for concentration in specific major areas of naval endeavor which are essential to the effectiveness of the navy operating forces. There also exists specific academic disciplines in each of these areas which are essential to optimum personnel effectiveness. The billet categories listed in enclosure (3) for the Restricted Line and Staff Corps therefore represent the requirement for additional education in each community specified, and are to be used in determining more specific educational policies.

4. Criteria. The criteria for coding billets in each educational area vary with regard to educational level desired as well as curricula content. Wherever possible, education criteria should be consistent with the civilian academic system. In the cases where Naval-oriented course content is necessary, however (e.g. Ordnance Engineering, Naval Communications, Politico-Military Strategic Planning), criteria for coding must be modified to reflect the Navy's need for additional education as described in paragraph 3. Specific academic educational levels, curricula and course content for determining individual officer qualifications are promulgated by the Chief of Naval Personnel. General guidance is as follows:

a. P-code. Identification of P-coded billets in the Manpower Authorizations will be limited to those which the assignment of graduate level educated officers is considered highly desirable for the most effective performance of their functions.

Subj: Identification of Unrestricted Line officer subspecialty billets and Restricted Line and Staff Corps officer billets requiring graduate level or other specialized education

b. S-code. Only those Unrestricted Line officer billets which warrant the assignment of subspecialists but which do not require incumbents with graduate level education will be identified in Manpower Authorizations as S-coded billets. Restricted Line and Staff Corps officer billets will not be S-coded.

c. Q-code. Only those Unrestricted Line officer billets which provide adequate subspecialty experience to qualify an officer will be identified in Manpower Authorizations as Q-coded billets.

d. Billets written for Unrestricted Line officers in the following grades will not be coded as:

P-CODE

- (1) Flag Officers
- (2) Lieutenant Junior Grade
- (3) Ensigns
- (4) Limited Duty Officers
- (5) Warrant Officers

S/Q-CODE

- (1) Flag Officers
- (2) Limited Duty Officers
- (3) Warrant Officers

Specific guidance for each area is set forth in enclosure (1).

5. Procedure for Submission of Recommendations for Billet Identification.

Recommendations for initial billet identification and changes to previously-coded billets may be submitted by:

- a. Command Officers
- b. Fleet and Type Commanders
- c. Subspecialty Area Advisors
- d. Restricted Line and Staff Corps Designator Sponsors

Subj: Identification of Unrestricted Line officer subspecialty billets and Restricted Line and Staff Corps officer billets requiring graduate level or other specialized education

All recommendations will be submitted to the Chief of Naval Operations via the administrative chain of command in accordance with enclosure (1) to reference (c). Copies of correspondence requesting establishment, deletion, or revision of P, S or Q-code billet identifiers shall be provided the designated subspecialty advisors when they are not via addressees.

6. Action.

a. Commands and offices designated in paragraph 6 above will submit recommendations for billet coding as soon as the requirement is identified. Justification in terms of job functions for billet identification shall be forwarded with recommendations in consonance with the criteria set forth in paragraph 4 and enclosure (1).

b. The Chief of Naval Personnel will determine specific officer qualification criteria for each subspecialty area, establish required educational programs and promulgate such directives as are necessary for effective administration of the subspecialty concept.

Encl. (1) To OPNAVINST 1211.6B

Subspecialty Areas and Definitions.

1. Politico-Military Strategic Planning (Subspecialty Area Code 9900). That phase of national security planning and policy formulation which involves the development, integration and employment of naval and other military forces in coordination with other forms of national power--economic, political and ideological--to achieve national objectives.

3. Public Affairs (Subspecialty Area Code 9700). Public Affairs includes all contacts with the public and the effect of these contacts on the Navy, evaluation of public opinion and consideration of it in formulating and administering Navy policies, dissemination of information to the public, and actions taken to promote understanding and good will between the Navy and the general public. It is divided into media relations, community relations, international public affairs, and internal relations.

5. Intelligence (Subspecialty Area Code 9500). Intelligence includes the collection, evaluation, correlation, analysis, and interpretation of information or foreign actions, activities, situations, capabilities, and area characteristics, which should be considered in the development of naval plans or which could influence naval operations or actions.

7. Cryptology (Subspecialty Area Code 8900). That branch of naval endeavor which is performed by the Navy Security Group in the fields of cryptographic communications research and engineering, electronics, mathematics, cryptography, cryptanalytics, and related fields, including foreign languages.

2. Material Support Management (Subspecialty Area Code 9300). Those phases of the Defense material procurement effort with private industry for the Navy, and as assigned to the Navy, which pertain to all aspects of material procurement support, contract administration after award, contractor performance surveillance, techniques of quality assurance, and timely consignment of equipment and services in support of the material logistics needs of the Navy.

4. Personnel Management (Subspecialty Area Code 9000). That branch of naval endeavor involving planning, research, and administration of the procurement, selection, classification, distribution, education and training, performance, separation, welfare, and records of naval personnel.

6. Financial Management (Subspecialty Area Code 9400). That phase of management concerned with planning, administration, and control or use of resources (property as well as funds) in monetary terms.

8. Communications (Subspecialty Area Code 8800). That branch of naval endeavor that deals with radio frequency management and the research, design, development, planning, programming, program appraisal, budgeting, installation, maintenance, operation, and readiness of communication equipment and systems.

Enclosure (1) to OPNAVINST 1211.6B
Subspecialty areas and definitions.
Continued

9. Environmental Science (Subspecialty Area Code 8700). Those phases of science that deal with the natural environment from the bottom of the ocean to the outer limits of the earth's atmosphere and its interfaces which shall include but not necessarily be limited to, meteorology, aeronomy, oceanography, and hydrographic engineering.

11. Operations Analysis (Subspecialty Area Code 8500). The application of scientific methods to the analysis of operational and management problems for the purpose of providing information and advice to command, planning, and management echelons, in order to assist in decision making at all levels.

13. Ordnance Engineering (Subspecialty Area Code 8300). Those branches of engineering other than aviation that include the research, development, design, production, testing, installation, maintenance, and repair of naval weapons systems and materials, missiles, and associated components.

15. Aeronautical Engineering (Subspecialty Area Code 8100). Those branches of engineering that include the research, development, design, production, testing, installation, maintenance and repair of Naval aviation weapons systems and materials, missiles, satellites, manned space vehicles and associated components.

10. Computer Systems Management (Subspecialty Area Code 8600). That phase of science that deals with the techniques and applications of computers, to include systems analysis, specifications for types of hardware, functions and operating procedures.

12. Science (Subspecialty Area Code 8400). That phase of scientific endeavor employing basic science skills of higher mathematics in investigative, developmental, and interpretive application; research and analysis in basic physical phenomena such as heat, light, sound, and electronics; and research and development in general and specific areas of chemistry, metallurgy, nuclear physics and hydrodynamics.

14. Ship Engineering (Subspecialty Area Code 8200). That branch of engineering which deals with the research, design, construction, maintenance, repair, and operation of ships' hull, machinery, electrical and electronic installations, and operations of related shore activities.

16. MSTs Management (Subspecialty Area Code 7400). That phase of Navy management concerned with the planning, administration, control and utilization of ocean transportation resources available to the Department of Defense.

Enclosure (1)

Enclosure (2) to OPNAVINST 1211.6B

List of Four-Digit Identifiers for Unrestricted Line Billets

1. Billets which require the below-listed identifiers as a secondary NOBC will also be described by a suffix P, S or Q as indicated. (BUPERSINST 1210.13 (series) and BUPERSNOTE 1520 (series) amplify officer qualification criteria and set forth specific education curricula which supports each area.

a. SNOBC Identifier: 99XX series

Subspecialty Area Title: Politico-Military Strategic Planning

Subspecialty Advisor: CNO (OP-06)

Curricula Advisor: CNO (OP-06)

Billet Number - Qualification desired of incumbent

9900P - Limited to billets in the grade of Captain. Incumbent should be qualified as either 9901P or 9902P.

9900S - Limited to billets in the grade of Captain. Incumbent should be qualified as either 9901S or 9902S.

9901P - Political Science. Incumbent should have completed graduate education in Political Science or Foreign Affairs.

9901S - Political Science. Incumbent should have completed Baccalaureate-level education in Political Science or Foreign Affairs.

9902P - International Relations. Incumbent should have completed graduate education in International Relations.

9902S - International Relations. Incumbent should have completed Baccalaureate-level education in International Relations.

9903P - Strategic/Operational Planning. Incumbent should be a graduate of a senior service college or equivalent of a foreign country.

Enclosure (2)

9903S - Strategic/Operational Planning. Incumbent should be a graduate of a junior service college or equivalent of a foreign country.

b. SNOBC Identifier: 98XX series

Subspecialty Area Title: Material Support Management

Subspecialty Advisor: Chief of Naval Material

Curricula Advisor: Chief of Naval Material

Billet Number - Qualification desired of incumbent. (Note: 9800P, 98XXs and 98XXQ billets are not used in this subspecialty.)

9801P - Business Administration. Incumbent should have completed graduate education in Business Administration.

9802P - Management and Industrial Engineering. Incumbent should have completed graduate education in Management and Industrial Engineering.

9803P - Navy Management. Incumbent should have completed graduate education in the Navy Management Curricula at the Navy P.G. School Monterey.

c. SNOBC Identifier: 97XX series

Subspecialty Area Title: Public Affairs

Subspecialty Advisor: CHINFO

Curricula Advisor: CHINFO

Billet Number - Qualification desired of incumbent.

9701P - Not used in this subspecialty.

9701S - Public Affairs (general). Incumbent should have had prior experience in a Public Affairs billet or completed the Information Officer (Basic Course) at the Defense Information School.

9702P - Journalism. Use of this billet identifier is limited to SDO (Public Affairs) billets. Incumbent should have completed graduate education in Journalism or Public Relations.

9702S - Journalism. Incumbent should have completed Baccalaureate-level education in Journalism.

9703P - Not used.

9703S - Radio/TV Broadcasting. Incumbent should have completed Baccalaureate-level education in the field of radio or television.

9704P - Not used.

9704S - Advertising. Incumbent should have completed Baccalaureate-level education in Advertising.

9705P - Not used.

9705S - Cinematography. Incumbent should have completed Baccalaureate education in Cinematography or Photojournalism.

d. SNOBC Identifier: 96XX series

Subspecialty Area Title: Personnel Management

Subspecialty Advisor: Chief of Naval Personnel

Curricula Advisor: Chief of Naval Personnel

Billet Number - Qualification desired of incumbent. (Note: 9600P or S billet numbers are not used.)

9601P - Personnel Management. Incumbent should have completed graduate-level education in Personnel Management.

9601S - Incumbent should have had prior experience in a 9601Q, S or P billet.

e. SNOBC Identifier: 95XX series

Subspecialty Area Title: Intelligence

Subspecialty Advisor: Commander, Naval Intelligence Command.

Curricula Sponsor: Commander, Naval Intelligence Command.

Billet Number - Qualification desired of incumbent. (Note:
9500P/S billet number not used.)

9501P - Defense Intelligence. Incumbent should be a graduate of
Defense Intelligence School.

9501S - Incumbent should have had prior experience in Defense
Intelligence or be a graduate of a Defense Intelligence training course.

9502P - Air Intelligence. Incumbent should be a graduate of
the Armed Forces Air Intelligence Training Center.

9502S - Incumbent should have had prior experience in Air Intelli-
gence or be a graduate of an Air Intelligence training course.

f. SNOBC Identifier: 94XX series.

Subspecialty Area Title: Financial Management

Subspecialty Advisor: Deputy Comptroller of the Navy.

Curricula Advisor: Deputy Comptroller of the Navy.

Billet Number - Qualification desired of incumbent.

9400P - Limited to billets in the grade of Captain. Incumbent
should be either a 9401P or 9402P.

9400S - Applicable to all grades. Incumbent should have completed
Baccalaureate education in Financial Management, Business Administration,
or had prior experience in Financial Management.

9401P - Business Administration. Incumbent should have completed
graduate education in Business Administration.

9401S - Not used. See 9400S.

9402P - Financial Management. Incumbent should have completed graduate education in Financial Management.

9402S - Not used. See 9400S.

g. SNOBC Identifier: 89XX series

Subspecialty Area Title: Cryptology

Subspecialty Advisor:

Curricula Advisor:

Billet Number - Qualification desired of incumbent.

8901P - Communications Engineering. Incumbent should have completed graduate-level education in Communications Engineering.

8902P - Engineering Electronics. Incumbent should have completed graduate-level education in Engineering Electronics.

8900S - Incumbent should have had prior experience in Cryptology/ Naval Security Group duty.

8900Q - Training billet - leads to S-code qualification.

h. SNOBC Identifier: 88XX series

Subspecialty Area Title: Communications

Subspecialty Advisor: CNO (OP-94)

Curricula Sponsor: CNO (OP-94)

Billet Number - Qualification desired of incumbent.

8800P - This billet identifier will not be used.

8800S - General Communications. Incumbent should have had prior experience in Communications.

8801P - Communications Engineering. Incumbent should have completed graduate level-education in Communications Engineering.

8802P - Engineering Electronics. This area has been shifted to the Ship Engineering area - see 82XX series.

8803P - Staff Communications. Incumbent should have completed the Command Communications course at P.G. School, Monterey.

i. SNOBC Identifier: 87XX series

Subspecialty Area Title: Geophysics

Subspecialty Advisor: Meteorology - Commander, Naval Weather Service Command.
Oceanography/Hydrography - The Oceanographer of the Navy.

Curricula Sponsor: Same as above.

Billet Number - Qualification desired of incumbent. (Note: 8700P and 87XXS billet identifiers are not used.)

8701P - Meteorology. Incumbent should have completed graduate education in Meteorology.

8702P - Blank. Billets previously designated as 8702P have been shifted to either 8701P or 8703P.

8703P - Oceanography. Incumbent should have completed graduate education in Oceanography.

8704P - Hydrographic Engineering. Incumbent should have completed graduate education in Hydrographic Engineering.

j. SNOBC Identifier: 86XX series

Subspecialty Area Title: Computer Systems Management

Subspecialty Advisor: CNO (OP-91)

Curricula Sponsor: CNO (OP-91)

Billet Number - Qualification desired of incumbent. (Note: The 8600P/S billet identifiers are not used.)

8601Q - Electronic Accounting Machine

8602Q - General Purpose Computers - real time (includes NTDS)

8603Q - General Purpose Computers - non-real time

These are training billets which lead to an S-code qualification in the area indicated.

8601S - Electronic Accounting Machine

8602S - G.P. Computers - real time (includes NTDS)

8603S - G.P. Computers - non-real time

Incumbent should be qualified as an 8601S, 8602S or 8603S as appropriate.

8604P - Computer Systems Management. Incumbent should have completed graduation in Computer Systems Management.

8605P - Computer Science. Incumbent should have completed graduate education in Computer Science.

k. SNOBC Identifier: 85XX series

Subspecialty Area Title: Operations Analysis

Subspecialty Advisor: CNO (OP-96)

Curricula Advisor: CNO (OP-96)

Billet Number - Qualifications desired of incumbent.

8501P - Incumbent should have completed graduate education in Operations/Systems Analysis.

8501S - Incumbent should have completed Baccalaureate-level education in Operations/Systems Analysis.

1. SNOBC Identifier: 84XX series

Subspecialty Area Title: Science

Subspecialty Advisor: Chief of Naval Research

Curricula Advisor: Chief of Naval Research

Billet Number - Qualifications desired of incumbent.

8400P - Science, General. Incumbent should be qualified in any 840X P-code.

8401P - Applied Math. Incumbent should have completed graduate-level education in Math.

8402P - Chemistry. Incumbent should have completed graduate-level education in Chemistry.

8403P - Physics. Incumbent should have completed graduate-level education in General Physics.

8404P - Hydrodynamics. Incumbent should have completed graduate-level education in Hydrodynamics.

8405P - Metallurgy. Incumbent should have completed graduate-level education in Metallurgy.

8406P - Nuclear Physics. Incumbent should have completed graduate-level education in Nuclear Physics.

8407P - Nuclear Engineering Effects. Incumbent should have completed graduate-level education in Nuclear Engineering Effects.

m. SNOBC Identifier: 83XX series

Subspecialty Area Title: Ordnance Engineering

Subspecialty Advisor: Commander, Ordnance Systems Command

Curricula Sponsor Commander, Ordnance Systems Command

Billet Number - Qualifications desired of incumbent.

8300P - Ordnance Engineering, General. Limited to billets in the grade of Captain. Incumbent should be qualified in any 830XP category.

8300S - Ordnance Engineering, General. Applicable to billets of all grades. Incumbent should have had prior experience in Ordnance Engineering area.

8301P - Not to be used. See 8300P.

8301S - Not to be used. See 8300S.

8302P - Air Space Physics. Incumbent should have graduate education in Air Space Physics as related to Naval ordnance.

8303P - Chemistry. Incumbent should have graduate education in Chemistry as related to Naval Ordnance.

8304P - Electronics. Incumbent should have completed graduate education in Electronics as related to Naval Ordnance.

8305P - Underwater Physics Acoustics. Incumbent should have completed graduate education in Underwater Physics Acoustics.

n. SNOBC Identifier: 82XX series

Subspecialty Area Title: Ship Engineering

Subspecialty Advisor: ComShipSysCom

Curricula Advisor: Com ShipSysCom

Billet Number - Qualification desired of incumbents.

8200P - This billet number limited to the grades of Commander and Captain. Incumbent should have any 820XP code qualification.

8201P - Naval Architecture. Incumbent should have completed graduate-level education in Naval Architecture.

8202P - Electrical Engineering. Incumbent should have completed graduate-level education in Electrical Engineering.

8202S - Electrical Engineering. Incumbent should have completed baccalaureate-level education in Electrical Engineering.

8203P - Mechanical Engineering.

8204P - Engineering Electronics.

8205P - Physics Acoustics.

8206P - Electronics, Info and Control.

Incumbent should have completed graduate-level education in subject specified.

8203S - Mechanical Engineering.

8204S - Engineering Electronics.

8205S - Physics Acoustics.

8206S - Electronics, Info and Control.

Incumbent should have completed baccalaureate-level education in subject specified.

o. SNOBC Identifier: 8LXX series

Subspecialty Area Title: Aeronautical Engineering

Subspecialty Advisor: ComAirSysCom

Curricula Advisor: ComAirSysCom

Billet Number - Qualification desired of incumbent. (Note: S and Q-coded billets are not used in this subspecialty.)

8100P - Limited to billets in the grades of Commander and Captain. Incumbent may have any 8LXXP qualification.

8101P - Aeronautical Engineering (General). Incumbent should have completed graduate education in General Aeronautical Engineering.

8102P - Air Space Dynamics. Incumbent should have completed graduate education in Aero. Eng. (Flight dynamics or Gas dynamics).

8103P - AVIONICS. Incumbent should have completed graduate education in Aero. Eng. (Aero. Electronics).

8104P - Flight Performance. Incumbent should have completed graduate education in Aero. Eng. (Flight Performance).

8105P - Air Weapons. Incumbent should have completed graduate education in Aero. Eng. (Expl. Ord).

8106P - Propulsion. Incumbent should have completed graduate education in Aero. Eng. (Turbines and Machinery or Flight Propulsion).

8107P - Structures. Incumbent should have completed graduate education in Aero. Eng. (Flight Structures).

8108P - Air Space Physics. Incumbent should have completed graduate education in Aero. Eng. (Aero Space Physics).

8109P - Information and Control. Incumbent should have completed graduate education in Aero. Eng. (Information and Control).

p. SNOBC Identifier: 74XX series

Subspecialty Area Title: Transportation Management

Subspecialty Advisor: Commander, Military Sea Transportation Service

Curricula Sponsor: Commander, Military Sea Transportation Service

Billet Number - Qualification desired of incumbent.

7401P - MSTS Transportation Management. Incumbent should have completed graduate education in Navy Management and completed a course concerning the Military Transportation Service.

7401S - Incumbent should have prior experience in MSTS Transportation Management.

7401Q - A training billet which leads to an S-code officer Qualification.

ENCLOSURE (3) TO OPNAVINST 1211.6B

List of Four-Digit Identifiers for Restricted Line and Staff Corps Billets

1. Billets which require the below listed identifiers as a secondary NOBC will also be described by a suffix P (S and Q-codes are not to be used for Restricted Line and Staff Corps billets).
2. Billets for Restricted Line and Staff Corps designators in which the incumbent should have specific graduate level education will be identified by the same P-code number listed in enclosure (2) for the Unrestricted Line where the education is the same. Restricted Line and Staff Corps designator sponsors should recommend additional P-code areas if they are required.
3. The following additional billet identifiers are authorized for specific use as indicated:
 - a. 9700 - Public Affairs (SDO)
9702 - Journalism
 - b. 6900 - Facilities Engineering (CEC)
6901 - Civil Engineering Advanced
6902 - Electrical Engineering
6903 - Engineering Electronics
6904 - Mechanical Engineering
6905 - Nuclear Power Engineering
6906 - Petroleum Engineering
 - c. 6800 - Technical Management (Supply Corps)
6801 - Petroleum Management
6802 - Textile Technology
 - d. 6700 - Legal
6701 - Military Law Advanced
6702 - Petroleum Administration and Management

e. 6600 - Religion

6601 - Religion

f. 6500 Medical Service Corps Specialties

6501 - Medical Allied Sciences

6502 - Optometry

6503 - Pharmacy

6504 - Medical Specialists (Dietitians, Occupational Therapists
and Physical Therapists)

APPENDIX F

TAB A - COPY OF PROPOSED BUPERS INSTRUCTION 1210.13A

UNDATED SUBJ: QUALIFICATION AND IDENTIFICATION
OF UNRESTRICTED LINE OFFICER SUBSPECIALISTS.

TAB A

BUPERS INSTRUCTION 1210.13A

From: Chief of Naval Personnel
To: All Ships and Stations (less Marine Corps field addressees not having Navy personnel attached)

Subj: Qualification and Identification of unrestricted line officer sub-specialists

Ref: (a) OPNAVINST 1212.1 (series)
(b) OPNAVINST 1211.6 (series)
(c) BUPERSINST 1520.83 (series)

Encl: (1) Criteria used to determine those officers qualified in subspecialty areas and the identification code to be used to identify such officers

1. Purpose. To promulgate the criteria to be utilized in the identification of unrestricted line officers qualified in subspecialty areas and to set forth the manner by which those qualified and partially qualified (potential sub-specialists) will be identified.
2. Cancellation. BUPERS Instruction 1210.13 is hereby canceled and superseded.
3. Background. The subspecialty concept is an integral part of career development and was adopted to increase the depth of knowledge of unrestricted line officers in specific fields and to better utilize the abilities of these officers in meeting the needs of the Navy. Subspecialty is defined as a particular field of naval endeavor, other than naval warfare, or a significant qualification in one of these fields obtained through a combination of formal education, functional training, and practical experience. Broad areas of naval warfare and qualifications such as aviation or submarines are not considered subspecialties but are considered part of the unrestricted line officers' specialty of naval warfare and command at sea. Subspecialty, therefore, can be further described as a secondary career development field. Reference (a)

designates the cognizant subspecialty area advisors and delineates their responsibilities. Reference (b) defines subspecialty areas and sets forth the manner by which unrestricted line officer subspecialty billets will be identified.

4. Criteria for qualification as subspecialists.

a. The criteria for each subspecialty area are different and based upon education appropriate to the area and/or experience gained by serving in designated subspecialty billets or such other billets within the area which are considered to be qualifying billets. Enclosure (1) contains the criteria in use by the Chief of Naval Personnel to determine those officers who qualify as subspecialists. These criteria were established in coordination with the subspecialty area advisors listed in enclosure (2) to reference (a).

b. The criteria are used to determine those unrestricted line officers who are qualified to serve in:

(1) Subspecialty billets which should have incumbents with graduate level education; identified as subspecialty P-coded billets; and

(2) Subspecialty billets which should have incumbents with baccalaureate level education and/or experience; identified as subspecialty S-coded billets.

5. Designation of subspecialists.

a. Unrestricted line officers who are considered qualified as subspecialists will be so designated and identified by the Chief of Naval Personnel.

b. The designation and identification of subspecialists now considered qualified will be determined by a review of officer records in the Bureau of Naval Personnel. Designation and identification of officers qualifying at some

future date will be accomplished on a continuing basis by a review of officer records at the time of reassignment. To insure that all pertinent information is available in the records, officers should report completion of off-duty study in accordance with reference (c).

c. Officers not fully qualified as subspecialists may be identified to indicate that they are potential subspecialists. Such identification will be made when it is considered desirable as an assistance in making future assignments.

6. Identification of subspecialists.

a. Subspecialists will be identified by a code composed of four digits and a one-letter suffix (e.g., 8302P). The four-digit identifiers applicable to each subspecialty area are included with the criteria for each area in enclosure (1). The one-letter suffixes to be utilized in conjunction with the four-digit identifiers indicate levels of qualification as indicated in enclosure (1).

b. Officer qualifications will be identified by the most appropriate code corresponding to their educational background combined with their experience background and designator. It is important that this combination be carefully considered in every case. In several instances, one course of instruction is sufficient to qualify an officer for two or more subspecialties. The subspecialty code finally assigned must therefore reflect the officer's previous or anticipated fields of experience.

c. Designation of an officer as a subspecialist will be indicated by the use of the appropriate code and will be inserted in block 30 on the Officer Data Card (NAVPERS 2626).

7. Dual subspecialty identification and changes in identification. The primary purpose of identifying officers as subspecialists is to assist the Chief of Naval Personnel in making assignments so as to most effectively utilize officer education and experience. In order for identifications to be meaningful they must be current and accurately reflect officer qualifications in the various subspecialty fields.

a. In certain cases, officers may be identified as subspecialists in more than one area if they have significant, equal, and current qualifications in more than one area.

b. The identification of an officer as a subspecialist may be changed from one area to another or removed completely by the Chief of Naval Personnel.

8. Action. Addressees are requested to disseminate the information contained in this Instruction to all unrestricted line officers attached to their commands.

CRITERIA USED TO DETERMINE THOSE OFFICERS QUALIFIED IN SUBSPECIALTY AREAS AND IDENTIFICATION CODE TO BE USED TO IDENTIFY SUCH OFFICERS

1. General Information.

a. OPNAVINST 1211.6 (series) defines each subspecialty area. BUPERSNOTE 1520 (series) sets forth current education programs which lead to the education qualifications set forth herein.

b. The myriad of educational backgrounds which exist in the officer corps and the many variations which exist in the civilian academic programs precludes automatic qualification by degree and major title. In those cases where an officer's educational qualification does not match the below criteria, the Chief of Naval Personnel will assign an appropriate qualification code based on a record review. This review may be requested by individual officers.

Politico-Military Strategic Planning

Eligibility: All Unrestricted Line designators.

9901Q - Political Science

9902Q - International Relations

Qualification: Completion of graduate-level education in area specified.

9903Q - Strategic/Operational Planning

Qualification: Completion of a senior service college or equivalent of a foreign country.

9901P, 9902P and 9903P

Qualification: Qualification as 9901Q, 9902Q, or 9903Q and completion of one tour in any 99XX P-coded billet.

9901S - Political Science

9902S - International Relations

Qualification: Completion of baccalaureate-level education in area specified.

9903S - Strategic/Operational Planning

Qualification: Completion of a junior service college or foreign equivalent.

3. Material Support Management

Eligibility: All Unrestricted Line designators.

9801P - Business Administration

9802P - Management and Industrial Engineering

9803P - Navy Management

Qualification: Completion of graduate-level education in the area specified. (Note: S and Q qualifications will not be used in this subspecialty.)

4. Public Affairs

Eligibility: P-codes - applies only to SDO designator.

S-codes - all unrestricted line designators.

9701P - Public Affairs

Qualification: Completion of graduate level education in Journalism or Public Relations (other related areas subject to transcript review).

9701S - Public Affairs

Qualification: Completion of baccalaureate-level education in mass communications or completion of Information Officer (Basic) course at the Defense Information School or completion of one tour of duty in a 9701S billet.

9702S - Journalism

Qualification: Completion of baccalaureate-level education in Journalism or one tour of duty in a 9702S billet.

9703S - Radio/Television

Qualification: Completion of Baccalaureate-level education in Audio/Visual production or one tour of duty in a 9703S billet.

9704S - Advertising

Qualification: Completion of baccalaureate-level education in advertising (marketing) or completion of one tour of duty in a 9704S billet.

9705S - Cinematography

Qualification: Completion of baccalaureate-level education in Cinematography or one tour of duty in a 9705S billet.

5. Personnel Management

Eligibility: All Unrestricted Line designators.

9601P - Personnel Management

Qualification: Completion of graduate-level education in Personnel Management.

9601S - Personnel Management

Qualification: Completion of one tour in a 9601S billet.

6. Intelligence

Eligibility: All Unrestricted Line designators.

9501P - Defense Intelligence

Qualification: Completion of Defense Intelligence School.

9501S - Defense Intelligence

Qualification: One tour in a 9501S billet or completion of a Defense Intelligence functional training course.

9502P - Air Intelligence

Qualification: Graduate of Armed Forces Air Intelligence Training Center.

9502S - Air Intelligence

Qualification: Completion of an air intelligence functional training course or one tour in a 9502S billet.

7. Financial Management

Eligibility: All Unrestricted Line designators.

9401P - Business Administration

Qualification: Completed graduate-level education in Business Administration.

9402P - Financial Management

Qualification: Completed graduate-level education in Financial Management.

9400S - Financial Management (General)

Qualification: One tour of duty in a 94XXP/S billet.

8. Cryptology

Eligibility: 1LXX designator only.

8901P - Communications Engineering

Qualification: Completion of graduate-level education in Communications Engineering.

8902P - Engineering Electronics

Qualification: Completion of graduate-level education in Engineering Electronics.

8900S - General Cryptology

Qualification: One tour of duty in a 89XXP/S/Q billet.

9. Communications

Eligibility: All Unrestricted Line designators.

8800S - General Communications

Qualification: One tour of duty in an 8800S billet.

8801P - Communications Engineering

Qualification: Completion of graduate level education in Communications Engineering.

8802P - Engineering Electronics

This area has been shifted to Ship Engineering. See 82XX series.

8803P - Staff Communications

Qualification: Completion of Command Communications course at USNPCS Monterey.

10. Geophysics

Eligibility: All Unrestricted Line designators.

8701P - Meteorology

Qualification: Completion of graduate education in Meteorology.

8702P - Not used

8703P - Oceanography

Qualification: Completion of graduate education in Oceanography.

8704P - Hydrographic Engineering

Qualification: Completion of graduate education in Hydrographic Engineering.

11. Computer Systems Management

Eligibility: All Unrestricted Line designators.

8601S - Electronic Accounting Machine

8602S - General Purpose Computers - real time (including NTDS)

8603S - General Purpose Computers - non-real time

Qualification: One tour of duty in an 8601Q/S, 8602Q/S or 8603Q/S
billet.

8604P - Computer Systems Management

Qualification: Completion of graduate-level education in Computer
Systems Management.

8605P - Computer Science

Qualification: Completion of graduate-level education in Computer
Science.

12. Operations Analysis

Eligibility: All Unrestricted Line designators.

8501P - Operations Analysis

Qualification: Completion of graduate-level education in Operations/
Systems Analysis.

8501S - Operations Analysis

Qualification: Completion of baccalaureate-level education in
Operations/Systems Analysis.

13. Science

Eligibility: All Unrestricted Line designators.

8401P - Applied Mathematics

8402P - Chemistry

8403P - Physics

8404P - Hydrodynamics

8405P - Metallurgy

8406P - Nuclear Physics

8407P - Nuclear Engineering Effects

Qualification: Completion of graduate-level education in area specified.

8401S - Applied Math

8402S - Chemistry

8403S - Physics

8404S - Hydrodynamics

8405S - Metallurgy

8406S - Nuclear Physics

8407S - Nuclear Engineering Effects

Qualification: Completion of baccalaureate education in area specified.

14. Ordnance Engineering

Eligibility: Unrestricted Line 11XX designators only.

8300S - Ordnance Engineering (General)

Qualification: One tour of duty in any 83XXP/S billet.

8301P - Not used.

8302P - Air Space Physics

Qualification: Completion of graduate level education in Air Space Physics as related to Naval Ordnance.

8303P - Chemistry

Qualification: Completion of graduate-level education in Chemistry as related to Naval Ordnance

8304P - Electronics

Qualification: Completion of graduate-level education in Electronics as related to Naval Ordnance.

8305P - Underwater Physics Acoustics

Qualification: Completion of graduate-level education in underwater Physics Acoustics as related to Naval Ordnance.

15. Ship Engineering

Eligibility: Unrestricted Line 11XX designators only.

8201P - Naval Architecture

8202P - Electrical Engineering

8203P - Mechanical Engineering

8204P - Engineering Electronics

8205P - Physics Acoustics

8206P - Electronics, Info and Control

Qualification: Completion of graduate-level education in area

specified.

8202S - Electrical Engineering

8203S - Mechanical Engineering

8204S - Engineering Electronics

8205S - Physics Acoustics

8206S - Electronics, Info and Control

Qualification: Completion of baccalaureate-level education in area specified. (Note: Officers may attain an S-code qualification only by virtue of education. Experience in an S billet does not qualify.)

16. Aeronautical Engineering

Eligibility: Unrestricted Line 13XX designators only.

8101P - AE (General)

8102P - AE Air Space Dynamics

8103P - AE AVIONICS
8104P - AE Flight Performance
8105P - AE Air Weapons
8105P - AE Air Weapons
8106P - AE Propulsion
8107P - AE Structures
8108P - AE Air Space Physics
8109P - AE Information and Control

Qualification: Completion of graduate-level education in area specified.

81XXS/Q qualifications as follows: (Officers with Aviation designators only)

8101S - One tour in an 8101P billet.
8101Q - Baccalaureate degree in Aero Eng.
8102S - One tour in an 8102P billet.
8103Q - Aviation designator and a civilian BS degree in Electrical Eng.
8104Q - Civilian BS degree in Aero Eng plus test pilot training.
8105S - One tour in an 8105P billet.
8106S - One tour in an 8106P billet.
8107S - One tour in an 8107P billet.
8108S - One tour in an 8108P billet.
8109S - One tour in an 8109P billet.

17 MSTS Transportation Management

Eligibility: Unrestricted Line 11XX Designator only..

7401P - MSTS Transportation Management

Qualification: Completion of graduate-level education in Navy

Management and a MSTS transportation course of instruction.

74015 - MSTS Transportation Management

Qualification: One tour of duty in a 7401P/S/Q billet.