FD: A 6 6848 NEWS USE FOR APPROVALS, DISAPPROVALS, MEMO ROUTING SLIP NCURRENCES, OR SIMILAR ACTIONS 1 NAME OR TITLE INITIALS CIRCULATE ORGANIZATION AND LOCATION DATE COORDINATION Ţ, FILE INFORMATION 1952 EEB 6 NECESSARY ACTION NOTE AND RETURN SEE ME SIGNATURE REMARKS can spare the time عري ا FROM NAME OR TITLE DATE TELEPHONE ORGANIZATION AND LOCATION

Declassified and approved for release by NSA on 04-02-2014 pursuant to E.O. 13526

to get the REF. ID: ASSISTED to the people in the Pantagon. Col! Hayes and his principal advises felt that the civ personnel of ASA were well off, and no promotions were raided scutely. This study had been pregiven no favorable consid -Sevation butil Hen Clarke took over.

APR 2 2 1949

CSGAS

MEMORANDUM FOR: The Assistant Secretary of the Army

SUBJECT: Effect of Critical Grade Limitations on Operations of the Army Security Agency

- 1. One of my first actions on assuming command of the Army Security Agency was to call in the Chiefs of the three Operating Divisions to ask them to indicate their principal problems. All three indicated that the problem of prime importance is the adverse effect which the imposition of the critical-grade policy is having on the operations of the Agency. I mentioned this matter to you and at your suggestion am presenting herewith the facts for your consideration. The details and recommendations are embodied in the accompanying documents.
- 2. When I first broached this subject to you I indicated my feeling that the Army Security Agency ought perhaps to be exempted from the critical-grade policy. However, after further study, I have come to the conclusion that aggressive action with a view to obtaining the additional critical grades required by the Agency and warranted by its special situation would be more practical and probably bring quicker results than an attempt to have the Agency exempted from the policy.
- 3. To summarise the situation, the memorandum indicates that the Army Security Agency's operations are being adversely affected by a lack of critical grades, that it should have approximately 200 more critical grades than it now has, and that 87 of them are immediately required to meet its most urgent needs.

1 Incl
Memo w/9 Incls

CARTER W. CLARKE Colonel, Signal Corps Chief, Army Security Agency

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CSGAS-

NEMORANDUM on the Effect of Critical Grade Limitations on Operations of the Army Security Agency

- 1. The purpose of this memorandum is to discuss the adverse effects which eritical-grade limitations are having on the operations of the Army Security Agency and to present recommendations for an amelioration thereof. The memorandum is accompanied by numerous graphs which will assist in the bringing out of essential details.
- 2. a. Immediately following the close of World War II, the Army Security Agency undertook a complete review of position allocations within its organization as a primary step in conversion from a war to peacetime status. As a result, the organization and position allocations were adjusted by the Agency in accordance with its peacetime mission. Subsequent to the foregoing action, and toward the end of the spring of 1947, a personnel directive from the Office of the Secretary of the Army, established critical-grade ceilings for all Department of the Army installations, to be effective on 1 July 1947.
- b. As a result of intercession by high authority, the Army Security Agency appeared to have fared somewhat better than did other field installations of the Department of the Army. Nevertheless, when the critical-grade limitation was put into effect, the number of critical grades allocated to the Army Security Agency was 57 less than the number required for its then authorised organizational strength.
- e. Umusual difficulty was experienced at this agency in complying with critical-grade restrictions, since many higher grade positions require specialised or umusual skills and involve highly technical duties which are indispensable to the accomplishment of the total mission. In very few instances was it feasible to redistribute such duties to lower grade positions requiring lesser skills. As a result, in order to keep these positions in a non-critical grade category, it was necessary to:
- (1) Assign supervisory responsibilities to the next higher echelon (sometimes outside the immediate organizational unit concerned).
 - (2) Abolish positions and eliminate functions.
- (3) Reduce grades previously allocated to certain positions by removing some of the duties and responsibilities therefrom in the position descriptions. This, however, imposed a definite hardship on these employees

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whe, because of legalty to the Agency, continued to perform the duties for which they could receive no credit or corresponding pay.

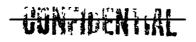
- (4) Shape a new organizational unit around the allowable number of critical grades, which meant the unit would not operate as effectively as required.
- d. The stringency of critical-grade restrictions was further intensified by the conversion to civilian status of military personnel who occupied key positions in the organization and whose continuance in those positions was highly desirable.
- 3. a. In brief, as a result of the foregoing actions taken in order to conform to the policy, 31 positions had to be downgraded and their incumbents correspondingly reduced in grade; in addition, 26 organizational vacancies in the critical grades had to be eliminated.
- b. The lack of sufficient critical grades has resulted in a serious stagnation in advancement for many of our most competent workers, with a consequent engendering of emotions of dissatisfaction, then discontent and discouragement, soon leading quite naturally to a desire on their part to transfer to other agencies where not only would their talents be equally appreciated but also where no artificial barriers have been established to prevent or seriously retard their future advancement.
- c. While with the passage of time certain readjustments were made possible by authorised increases in critical grades, nevertheless, the Agency has lost a number of people because of expressly stated diseatisfaction with the critical-grade situation. Inclosure 1 gives a list of names, positions and grades of 26 efficient employees who resigned or transferred or left the Agency for this cause.
- d. It is hardly necessary to emphasize the fact that certain other agencies, such as the Navy, the Air Force, the CIA, and the Department of State, which were and still are competing for our technicians, were not and are not handicapped by a similar policy with respect to critical grades; and while these other agencies have cooperated with the Army Sedurity Agency by entering into informal agreements with regard to transfers of personnel, nevertheless, the situation has been and remains one of embarrassment to all concerned. Those services need technical personnel with the training possessed by Army Security Agency workers and are able not only to offer them better pay, but also, in those cases where the transfer is made at the same pay, they can point to definite prospects of advancement. In most such cases the desired Army Security Agency employees are qualified for advancement to positions of greater responsibility within the Agency

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but because of the Agency's lack of critical grades, premotion to such positions is currently not possible. Under these circumstances it would hardly be fair to such employees to continue to withhold indefinitely approval of their requests for transfer, and where approval is not forthcoming in a reasonable length of time it is only natural that they should become restive in the face of a situation which makes their advancement appear to be a very slew or problematical matter.

- 4. a. In order to improve the present unsatisfactory position of the Army Security Agency, as outlined above, a relatively large increase in its quota of critical grades is required. But before presenting this requirement, and despite the well-known dictum that comparisons are sometimes not valid and often odious, I will present to you certain facts and figures pertaining to another technical agency in the Department of the Army and therefore, like the Army Security Agency, subject to the criticalgrade limitations. It is my belief that a comparison between the two agencies is valid and pertinent to an assessment of their respective situations in this regard. I refer to the Signal Corps Installation at Fort Monmouth, New Jersey, where there are several laboratories and units conducting technical work akin to that done at the Army Security Agency. The data giving the total strength and mmbers of critical grades pertaining to the whole installation at Fort Monmouth were obtained and set alongside those pertaining to the Army Security Agency (Inclosure 2). Certain percentages were calculated and are indicated in the tabulations in that inclosure. From the figures shown therein a few graphs were made which present in a succinct manner the fact that, in proportion to their respective strengths, Fort Monmouth is far better off than is Army Security Agency in respect to critical grades (Inclosure 3).
- b. It is necessary to add that the graphs apply to the situation as it existed on 30 March 1949 and that small fluctuations in the picture may and do appear from week to week as changes are made in the number of critical-grade positions established and allocated to operating units. Also, in order to take care of urgent situations, the Agency has been careful in allocating its critical grades and has refrained from completely using up its quota. Therefore, some have been withheld in a reserve pool and have not been allocated to the operating units. As of 30 March 1949 there were approximately 32 such P-grade authorizations in the pool. I propose to reduce this reserve pool to the absolute minimum as soon as possible, but as will later be shown, the number of critical grades withheld in such a reserve pool does not significantly affect the unfavorable position the Army Security Agency occupies in comparison with that of Fort Monmouth.
- 5. Referring to Inclosure 3, graphs A and A' show the percentage of personnel in each P-grade based on the total strength of each of the two agencies. It will be noted that the graph applying to Fort Monmouth is



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more regular than that applicable to the ASA. The ASA graph shows a very decided skew in the form of a precipitous drop from P-2 to P-3.

- 6. Graph B places alongside each other the respective percentages (of total strength) within the P grades in the two agencies. It will be noted that in respect to P-1's, the ASA has almost three times as many as Fort Monmouth; with respect to P-2's, ASA has more than three times as many; with respect to P-3's, a little bit less than what Monmouth has; with respect to P-4's, ASA has less than half of what Monmouth has, etc. Graph C shows similar comparisons with respect to the CAF grades (CAF-7 and above); Graph D shows the same comparison according to P and equivalent CAF grades; finally Graph E shows the comparisons by critical-grade groups. The last-mentioned chart is particularly significant in that it shows that ASA has 3.15 times as many people in P-1 and P-2 grades as Monmouth; but it has only 66% of what Monmouth has in the Group C critical grades (P-3,4,5 and CAF-9,10); and it has only 35% of what Monmouth has in the Group B critical grades (P-6,7,8,9 and CAF-11,12).
- 7. a. Graphs F and G (Inclosure 4) demonstrate quite graphically how the ASA compares with Fort Menmouth in the P grades and in the critical-grade groups. These charts were made by taking the respective total strengths of the two agencies, finding the ratio between them, and then applying that ratio to the number of positions Fort Monmouth has in each grade to find what the number would be if Fort Monmouth had the same total strength as ASA. The resulting number is then compared with the number which the ASA actually has in each grade. For example, in comparing the two agencies in respect to P-grades, the following tabulation was made:

Comparison of ASA and Fort Mommouth Based upon Total Strength of the Respective Agencies (ASA-2644; Mommouth-4578. Ratio .577:1)

		ASA		Fort Monmouth				
Col.	1	2	3	4	5			
	Actual Nos. of Positions	No.Over (Col.1 Minus Col.5)	No.Under (Col.5 Minus Col.1)	Actual Nos. of Positions	Nos.Reduced by factor .577			
P-1	197	128		119	69			
P-2	362	253		188	109			
P-3	150	-	4	267	154			
P-4	74		85	276	159			
P-5	52		47	171	99			
P-6	14		21	60	35			
P-7	1		12	23	13			
P-8	4		3	12	7			
P-9	0		_1	1	1			
	854	381	173	1117	646			

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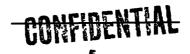
This tabulation shows that the ASA has 128 more P-1's and 253 more P-2's than it should have on the basis of this sort of comparison; but the ASA has fewer positions in the higher grades, as shown in Col. 3 above. In fact, whereas the ASA has 381 more P-1 and P-2 positions than it should have, it lacks 4 in P-3, 85 in P-4, 47 in P-5, 21 in P-6, 12 in P-7, 3 in P-8 and 1 in P-9, a total of 173 critical P-grades. The data have been used as a basis for Graph F. The blue areas correspond to the data in Col. 2 above, that is, to P-grades in which ASA has more than it should have on the basis of comparison with Fort Monmouth; the red areas correspond to Col. 3 above, that is, to P-grades in which ASA has less.

b. Graphs F' and G' (Inclosure 5) are similar in nature to the foregoing graphs, except that the comparisons are based not upon relative total strengths but upon relative strengths within the various categories. For example, here is the tabulation applicable to Graph F':

Comparison of ASA and Fort Menmouth
Based upon Relative Strengths in P-grades only
Strength in P-grades: ASA-854; Ft. Monmouth-1117. Ratio .765:1

	ASA	Fort Monmouth				
1	2	3	4	5		
Actual Ros.	Mo. Over (Col. 1 Minus Col. 5)	No. Under (Cel. 5 Minus Cel. 1)	Actual Nos.	No.Reduced by factor .765		
197	106		119	91		
	218		188	144		
		54		204		
				211		
		79	171	131		
14			60	46		
ì		17	23	18		
4		5	12	9		
854	324	<u>0</u> 324	$\frac{1}{1117}$	<u>0</u> 854		
		1 2 Actual Mo. Over Nos. (Col. 1 Minus Col. 5) 197 106 362 218 150 74 52 14 1 4 0	1 2 3 Actual Mo. Over Mo. Under Mos. (Col. 1 (Cel. 5 Minus Minus Col. 5) Cel. 1) 197 106 362 218 150 54 74 137 52 79 14 32 1 17 4 5	1 2 3 4 Actual Mo. Over Mo. Under Actual Mos. (Col. 1 (Col. 5 Nos. Minus Col. 5) Col. 1) 197 106 119 362 218 188 150 54 267 74 137 276 52 79 171 14 32 60 1 17 23 4 5 12 0 0 1		

Here again it will be seen that ASA has 324 more positions in P-1 and P-2 than it should have on the basis of this comparison; but by the same teken it lacks 324 positions in the critical grades. Furthermore, whereas in the preceding tabulation (applicable to Graph F), the ASA is seen to lack 163 critical P-grades, in this tabulation (applicable to Graph F'), it lacks 324 critical P-grades. Graph G' shows the same phenomena. Whereas Graph G shows the ASA to lack 189 critical grades in all groups (A,B, and C), Graph G' shows the ASA to lack 332.



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- 6. a. Because of the possibility that in comparing Fort Menmouth and the ASA in respect to their relative numbers of critical grade positions certain factors not quite obvious might be tending to paint a darker picture of ASA's position than is valid, the same sort of comparisons were again made, but using only the data for the Signal Corps Electronics Laboratories, at Fort Menmouth. Inclesure 6 gives the data as of February 1949 for SCEL and as of 31 March 1949 for ASA.
- b. Graphs H and I show how the two organisations compare. It will be noted (Graph H) that on the basis of the comparison between the ASA and SCEL, the ASA lacks 334 critical P-grades and (Graph I), a total of 333 critical grades; on the basis of the former comparison (ASA and Fort Monmouth as a whole), the ASA was shown to lack only 189. This comparison makes the ASA picture much darker instead of lighter.
- 9. a. Again, and for the same reason mentioned in Par. 8a, a comparison was made between the SCEL and only those positions in ASA which are classified as pertaining strictly to research and development and the salaries for which are accordingly paid out of 610 (research and development) funds. Inclosure 7 gives the data as of February 1949 for SCEL and as of 18 April 1949 for ASA.
- b. Graphs J and K show how the two organisations compare. It will be noted in Graph J that on the foregoing basis the ASA lacks approximately 340 P-grades; in Graph K, it lacks approximately 346 critical grades, even more than are indicated in the preceding comparisons.
- c. (1) In an article published in the February 1949 issue of FM-TV Magazine (Inclosure 8), the SCEL states:

"approximately 10% of the professional men at SCEL are in the \$7,400 to \$12,500 salary bracket; another 15% in the \$6,200 to \$7,400 group, and 23% are earning between \$5,200 and \$6,200."

(2) Having the SCEL figures, they may be compared with those for ASA. The first group (\$7,400 to \$12,500) corresponds to P-6,7,5, and 9; the second group, to P-5; the third, to P-4. Here is the comparison, based upon relative strengths in P-grades (SCEL - 955; ASA - 872):

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CONTINENTIAL

		SCE	I	A.	RATIO	
		Actual Nos.	% of Total P- Grade Str.	Actual Nos.	% of Total P- Grade Str.	SCEL: ASA
P-4	Base P-4 Base P-5 \$5232 -\$6235	227	23.5	81	9.3	2.53
P-5	Base P-5 Base P-6 \$6235 -\$7432	151	15.8	53	6.1	2.59
P-6	Base P-6 Base P-7 \$7432 -\$8509	56 '		16)		
P-7	Base P-7 Base P-8 \$3509 -\$10,305	22/91=	9.5	1/	2.4	3 .9 6
P-8	Base P-8 Maximum \$10,305 -\$10,330	12	,	4	~~~	7.70
P-9	(SCEL Position) \$12,500	1 }		0)		

(3) The foregoing may be summarized quite succinctly. In the higher level salary groups shown below, and after adjusting the data in accordance with the relative total P-grade strengths of the two comparable organisations, SCEL and ASA, their respective situations are as follows:

Group 1--P-4 SCEL has more than $2\frac{1}{2}$ times as many personnel in this (\$5,200--\$6,200) group than has ASA.

Group 2--P-5 SCEL has more than $2\frac{1}{2}$ times as many personnel in this (\$6,200--\$7,400) group than has ASA.

Group 3--P-6,7,8,9 SCEL has almost 4 times as many personnel in this group \$7,400--\$12,500) than has ASA.

- 10. In my opinion these graphs tell an important story. It is a subject for speculation what similar comparisons between ASA and Navy, or ASA and Department of State, or ASA and CIA would show, since these agencies do not have any critical-grade limitation policy. Attempts to obtain accurate data from these agencies have not been pressed but there is good reason to feel that they are even better off than Ft. Monmouth and, of course, the ASA, in respect to the number of high-grade positions they have.
- Il. a. In connection with this whole situation a few special remarks may be in order. In the first place, a large number of the civilian personnel of the Army Security Agency serve in technical capacities in a highly-specialized field basically of a research and development mature. The



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fellowing as extracted from the Department of the Army Research and Development Plan For Fiscal Year 1951, dated 18 March 1949:

Manner III R&D Policies ******

6. Scientific Personnel.

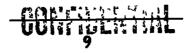
- a. The supply of qualified personnel is a critical factor in determining the scope of certain areas of military research and development. It is, therefore, important that military research and development agencies be assured the ability to compete for supervisory technical personnel on an equal footing with industry through long-term planning, comparable salary scales, adequate working and living conditions and suitable administrative practices."
- b. It is, of course, hardly necessary to indicate that the Gevernment can and does compete with fair success with industry in hiring personnel in the lower or non-critical grades, because in those grades Government service is more attractive, but the reverse is true in the higher, or critical grades. Congress is being urged to recognize the need to increase the salaries in the higher brackets. The critical-grade policy hampers the Department of the Army in the necessary retention of highly qualified technical personnel.
- c. There is one more reason why the critical-grade limitation has a more serious effect on the Army Security Agency than on other organizations in the Department of the Army, including both technical and non-technical. As a general rule, the longer a specialist stays in his field the more valuable do his services become, and therefore his ability to qualify for positions requiring his technical capabilities is constantly increasing at the same time that his earning power is improving. But because of the very nature of the cryptologic field, which has no counterpart in civil life, the lenger a technician stays in that field the more valuable do his services become to a eryptologic agency of the Government, but his ability to qualify for positions outside the cryptologic field is constantly decreasing at the same time that his earning power in that field is improving. We knews that his economic security, instead of becoming enhanced the lenger he stays in his present field, will actually become materially impaired, and that he will find himself in rather serious difficulties in case he has to chance his occupation for any reason, such as curtailment of appropriations, resulting in reductions in force which might jeopardise his tenure of position: health, which might require a change to a more suftable climate; family or financial obligations, which might increase at a much greater rate than his earning power, etc. Therefore, it is only fair to technical employees of the Army Security Agency that this special situation also be taken into account in determining and applying promotion policies, so that they may build up a backlog toward economic security.

Plenty of our workers recognize only too clearly what their situation may be in a few years from now. Some have already acted upon the recognition of what their future situation might become, and they have gone elsewhere.

- d. The foregoing considerations must be taken into account in establishing or formulating policies in the Army Security Agency particularly because the greater the attrition rate the weaker becomes the security of operations in the Agency. Especially is this applicable to the personnel occupying critical-grade positions in the Agency, since such personnel by virtue of their duties, come into possession of a greater quantity of highly classified cryptologic information than do the personnel occupying positions in the nonperitical grades. The security factor here under consideration is of vital importance.
- 12. a. Attached hereto as Inclosure 9 is a detailed list of the critical grades urgently required by our Operating Divisions (1) for military conversions, (2) for the establishment of new positions, (3) for promotions to additional identical positions, and (4) for the restoration of appropriate grades to the remaining positions which were downgraded at the imposition of the critical-grade limitations and which have not yet been restored.
- b. The additional critical grades indicated as required therein to meet the most immediate needs of the operating divisions are summarized below:

	l Security Division	2 R&D Division	3 Operations Division	4 Total	
Group A (CAF-13)	0	0	0	0	
Group B (P-6,7,8 & CAF-11,12) Group C (P-3,4,5 & CAF-9,10)) 3	4	3	10	
Group C (P-3,4,5 & CAF-9,10)	<u> 5</u>	12	<u>60</u>	_77	
	8	16	63	87	

c. The foregoing 87 critical grades, as indicated above, will meet only the most immediate needs of the operating divisions of ASA. In addition, to satisfy the overall requirements pointed out in the preceding paragraphs, and to place the ASA on a firmer foundation for the retention of its professional and higher level administrative civilian personnel, it is felt that the Agency should have approximately 113 more critical grades, as follows:



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COMPLETITION

d. Herewith is a recapitulation of the Army Security Agency's needs:

		Present alletment in each critical- grade group	2 Required for most immediate needs	3 Additional desired	4 Total
Group A	(CAF-13)	1	0	2	2
H E	(P-6,7,8 & CAP-11	,12) 40	10	38	48
# C	(P-6,7,8 & CAP-11 (P-3,4,5 & CAP-9,	10) <u>345</u> 386	_77	_73	150
	Totals	386	87	113	<u>150</u> 200

13. We additional FI 1949 funds would be needed if the immediately required 87 critical grades indicated in Column 2 of Par. 12d are granted.

14. It is recommended:

- a. That the 87 critical grades indicated in Par. 12b above be granted the Army Security Agency immediately.
- b. That as seen as practicable thereafter the additional 113 critical grades indicated in Par. 12e above be granted.

List of Persons Who Left the Army Security Agency Expressly Because of the Critical-grade Limitations

HAME

- 1. Falmer, Stephen E. Res. Anal. P-1 EOD 11-5-48 Resigned 2-24-49
- 2. Thomas, Bruce Mech. Ingr. P-1 EOD 8-12-48 Resigned 7-24-48
- 3. Kelly, William L.

 Res. Anal. 'pec. P-1

 EOD 2-23-47

 Resigned 9-10-48
- 4. Perry, Bernard W. Elec. Engr. P-1 EOD 6-9-47 Resigned 7-30-48
- 5. Xiorhos, Barbara Aes. Anal. Opec. P-1 EOD 11-3-48 Resigned 6-1-48
- 6. McCullough, Matthew
 Res. Anal. Spec. P-2
 EOD 11-18-47
 Resigned 2-18-49
- 7. Paul, Alvin W.
 Radio Engr. P-2
 EOD 4-7-47
 Resigned 12-16-48
- 8. Glod, Walter J. Elec. Engr. P-2 EOD 6-26-47 Resigned 1-11-49
- 9. Giffler, Milton Mes. Anal. Spec. P-2 EOD 1-17-46 Resigned 12-3-48
- 10. Bornstein, Hymen E. Res. Anal. Spec. P-2 EOD 2-26-47 Resigned 10-14-48

REASON

Accepting P-2 position with CIA. Has heard there is little chance for promotion here.

Was told promotions are slow. Going to Gov't Printing Office. P-2 offered there for same type of job with chance for promotion.

Could get better salary teaching at University of Scranton. Salary there equal to F-3 here.

Better rating at Bureau of Chips. P-3. Could never get promotion here.

Was told never could expect P-3. Went to CIA to accept P-2 with promise of promotion.

Felt there was no chance for advancement. Fesigned to investigate opportunities elsewhere. Not satisfied with present grade here.

Was downgraded from P-3 to P-2 April 1947. Accepting job with Bureau of Standards. Was responsible for work of P-3 level, but could not get rating restored here.

Could not get P-3 here. Went to Bureau of Ships.

Accepting job with CIA, P-3. No chance for development and promotion here.

Accepting job with State Dept., P-3. Could not get better salary here.

NAME

- ll. Lechter, Max
 Res. Anal. P-2
 EOD 5-13-46
 Resigned 6-25-48
- 12. Albert, Floyd Res. Anal. P-2 EOD 5-20-46 Resigned 5-28-48
- 13. VanDevanter, Carroll
 Roumanian, French F-2
 EOD 6-27-48
 Resigned 2-27-48
- 14. Crockett, Lorraine F. A. Anal. P-2 EOD 1-22-45 Resigned 10-22-48
- 15. Miller, Paul F. A. Anal. P-2 EOD 2-19-47 Resigned 11-21-47
- 16. Taylor, Louie
 18M Methods Anal. P-2
 EOD 3-5-46
 Resigned 1-24-49
- 17. Borland, Robert Elec. Enr. P-2 EOD 11-1-46 Resigned 2-13-48
- 18. Giffler, Alberta A. Res. Anal. P-3
 ECD 12-14-43
 Resigned 2-27-48
- 19. Wolfe, Jack
 F. A. Anal. P-3
 EOU 2-25-44
 Resigned 12-26-47
- 20. Israel, Howard F. A. Anal. F-3 EOD 10-4-43 Resigned 12-12-47

REASON

Very outspoken about the Royall Ilan. Feels there is no opportunity for progress or ambition under it. Went to Dept. of Commerce, P-3.

No chance for advancement here. Dissatisfied with job.

Went to CIA. Accepting job with better rating.

To accept position, P-4. Wright Field.

To accept P-3 with CIA. Opportunities for advancement better there.

To accept position with private industry. Much better salary.

Financial difficulties. Was promised P-3 but promotion did not come.

No chance for higher grade. Went to CIA - better rating there.

To accept position with private industry. No chance for promotion here.

To return to school. Believes he has gone as far as he can here.

NAME

- 21. Van Liew, Harry J.
 IBW Methods Anal. P-3
 EOD 9-3-46
 Resigned 11-12-48
- 22. Livingston, Farl F.
 Mech. Engr. P-3
 EOD 10-21-46
 Resigned 2-13-48
- 23. Rossi, Oscar
 Elec. Fngr. P-3
 EOD 3-20-45
 Fesigned 9-22-48
- 24. Kohler, Hans
 Fadio Engr. P-5
 Fesigned 3-26-48
 EOD 12-1-44
- 25. Dubberstein, Waldo Res. Anal. P-5 EOD 3-24-42 Assigned 10-3-47
- 26. Gadbois, Irene Res. Anal. F-2 EOD 12-4-44 Resigned 4-15-48

REASON

Private industry. IBM Methods Anal. Better salary offered in private industry.

P-4 with Mavy. Was downgraded, could not regain rating.

Better job with private industry in California. More chance of promotion in private industry than under our present regulations.

Was downgraded from P-6. Better job with Bureau of Standards.

To accept 1-6 at CIA

Completely discouraged about possibility for advancement here. Returned home.

ARMY SECURITY AGENCY

FORT MOMOUTH

Grade	Actual Numbers	Percentage of Total Strength	Actual	Percentage of Total Strength
P-1	197	7.450	119	2.599
F-2	362	13.697	188	4.106
P-3	150	5.673	267	5.832
P-4	74	2.798	276	6.023
P-5	52	1.966	171	3.753
P-6	14	0.529	60	1.310
P-7	1	0.037	23	.502
P-8	4	0.151	12	.262
P-9	0	***	1	.021
TOTAL	854	32.301	1117	24.413
CAF-7	39	1.475	171	3.737
CAT-8	15	n.567	100	2.184
CAF-9	14	0.529	40	.873
CAP-10	6	0.226	17	.371
CAF-11	7	0.264	11	.240
CAP-12	1	0.037	5	.109
CAF-13	1	0.037	4	.087
TOTAL	83	3.135	348	7.601
u ,	Total P & C	CAF 937	Total P & C	UF 1465

ASA Strength as of 31 Dec. 1948 - 2644

FE Strength as of 23 Feb. 1949 - 4578 (See Tab 1 to this incleaure)

REF ID:A66848

HEADQUARTERS
FOR MONMOUTH, NEW JERSEY

COPY

IN REPLY
REFER TO: FMPD 319.1

16 March 1949

Mr. J. L. Sullivan Director Civilian Personnel Army Security Agency Washington 25, D. C.

Dear Mr. Sullivan

(23 Feb 49)

The attached figures are submitted in compliance with telephonic request from your office 15 March 1949.

Very truly yours,

(s) John D. Sullivan
JOHN D. SULLIVAN per U.W.

1 Incl
Chief, Civilian Personnel Branch
Figures

FIGURES AS OF: 28 February 1949

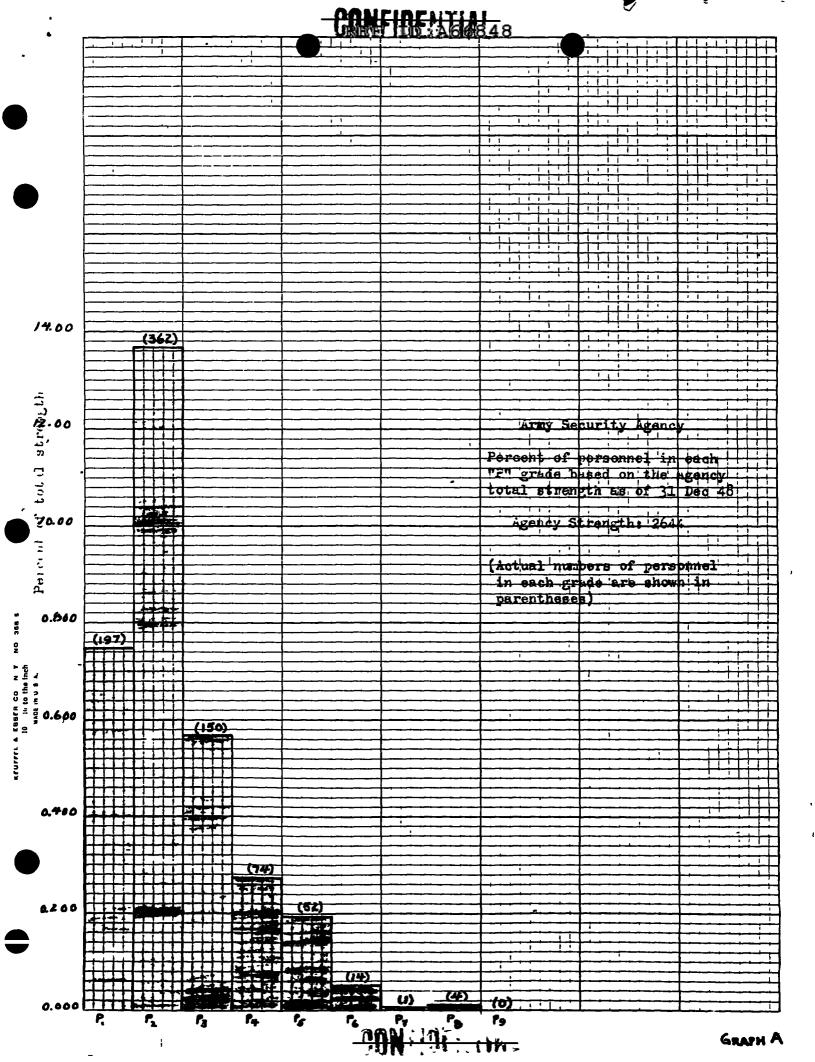
TOTAL CIVILIANS: 4578

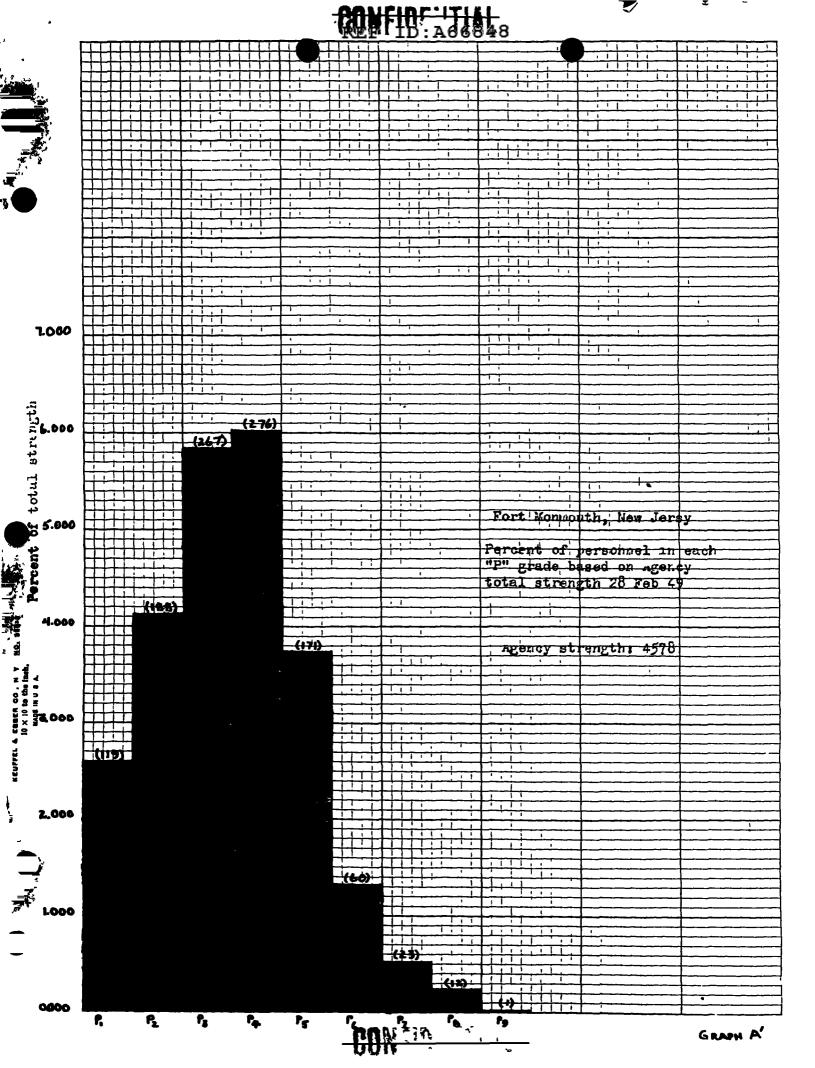
TOTAL MILITARY: 10,547 (879 Officers; 9668 Enlisted Men)

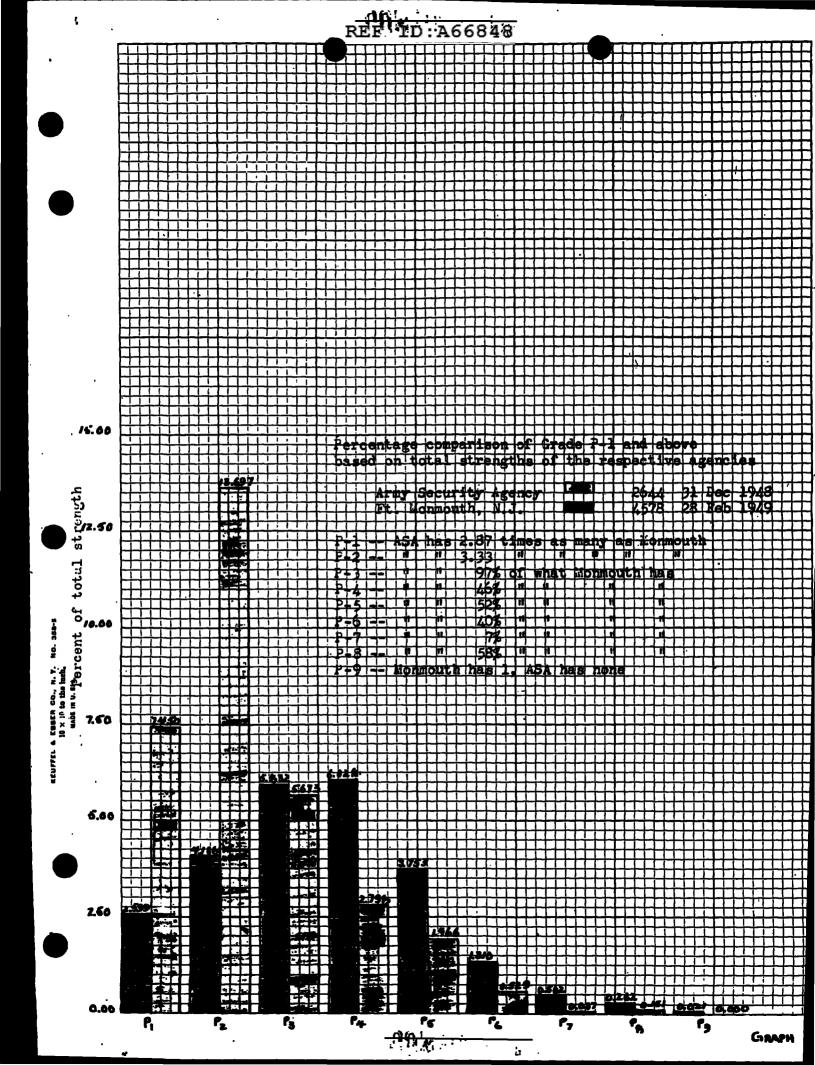
P-9 P-8 P-7 P-6 P-5 P-4 P-3 P-2 P-1	1 12 23 60 171 276 267 188 119 *	
TOTAL P's	1117	
CAF-13 CAF-12 CAF-11 CAF-10 CAF-9 CAF-8 CAF-7	4 5 11 17 40 100 171	
TOTAL CAF's	348	

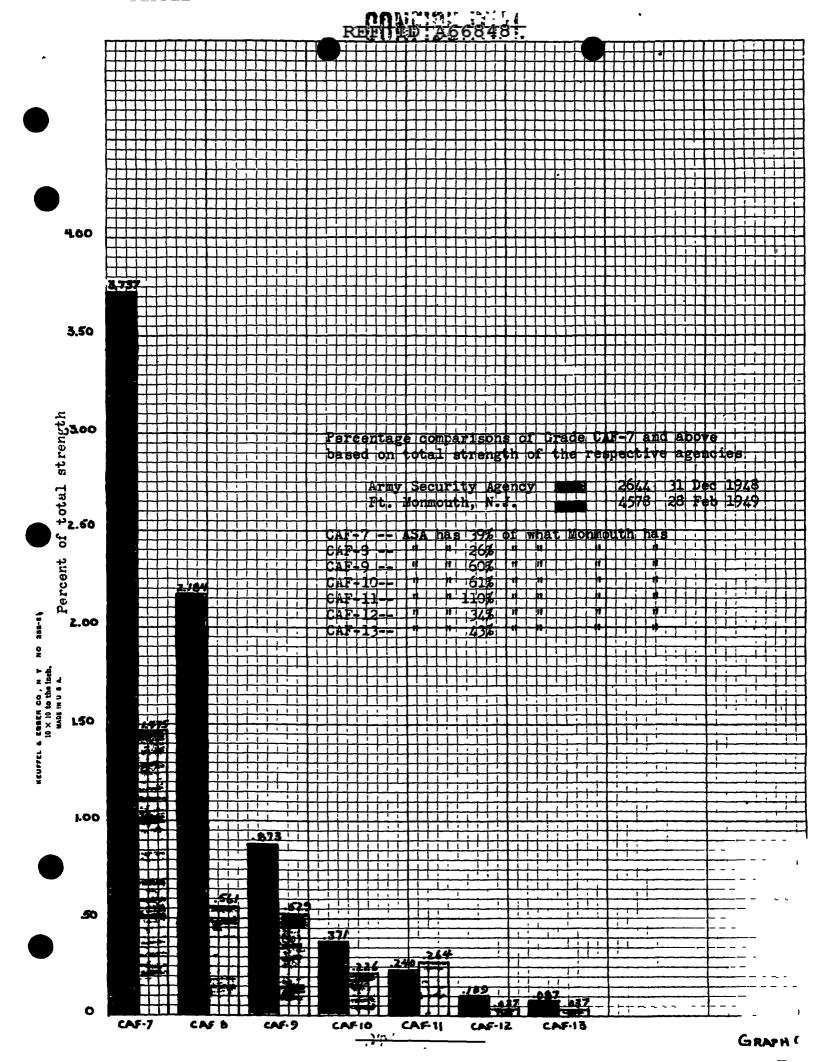
TOTAL PSe and CAFMALA65

*P-1 figures were secured by telephone





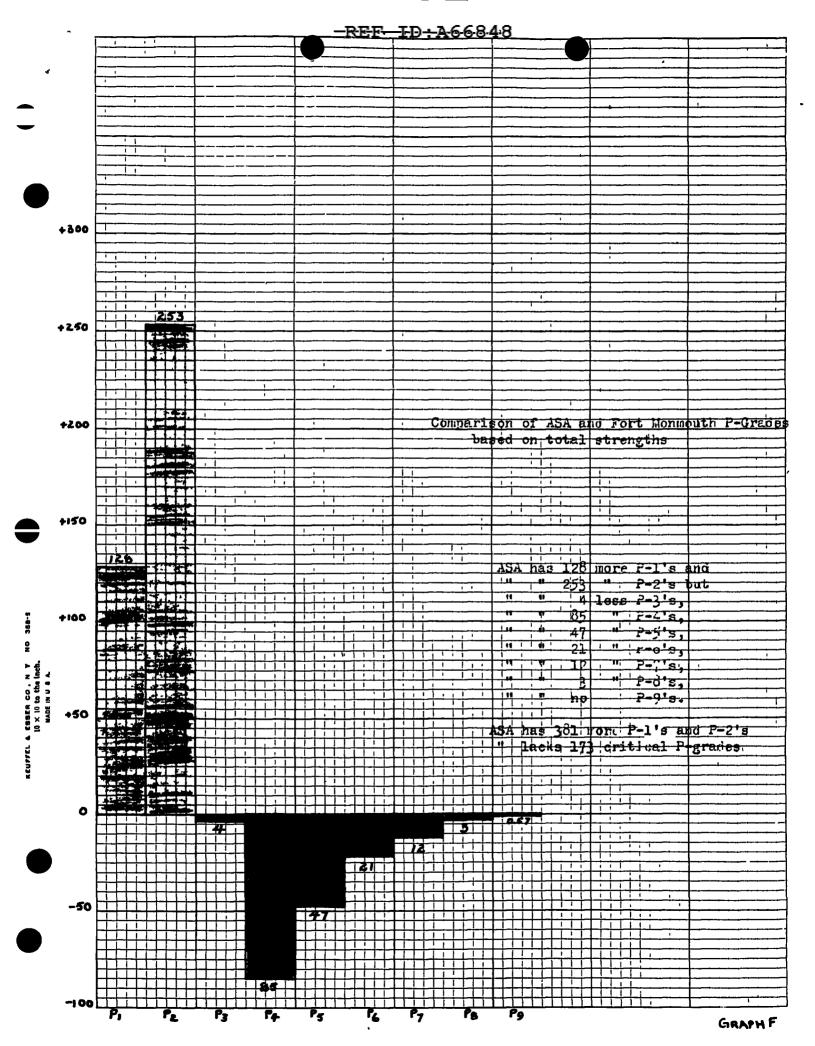


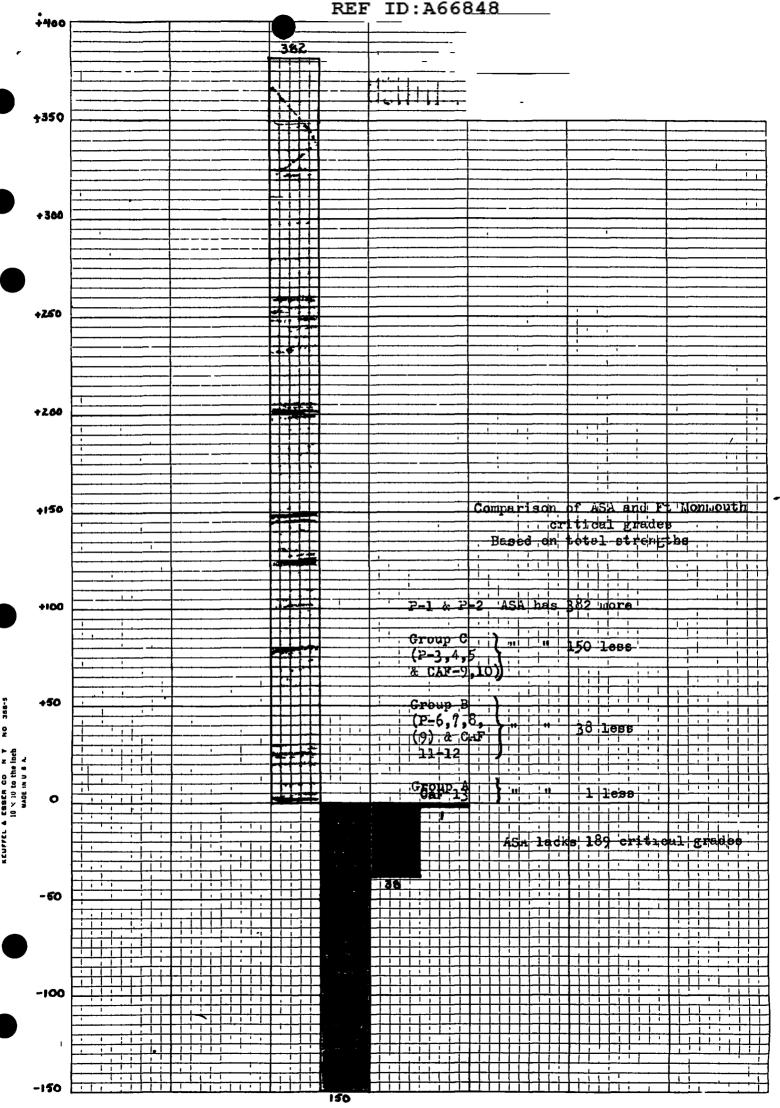


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(BASED ON TOTAL STRENGTHS)





Pand Pz Group C Group B Group A

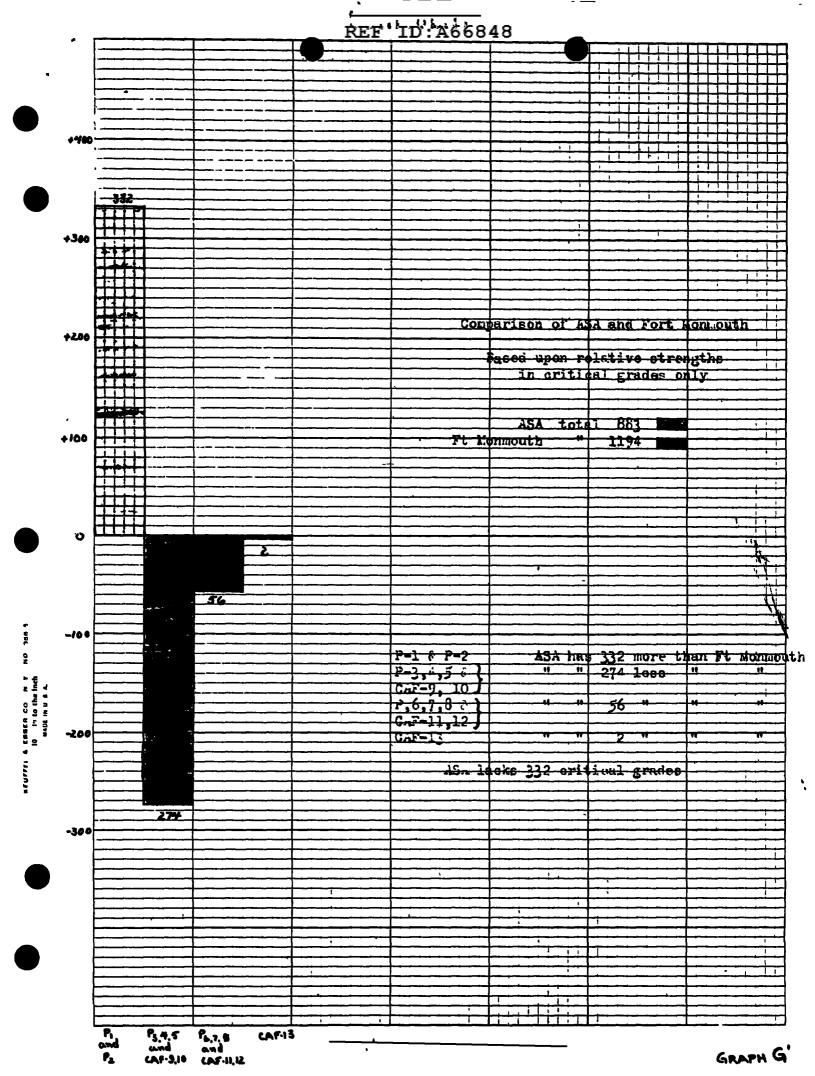
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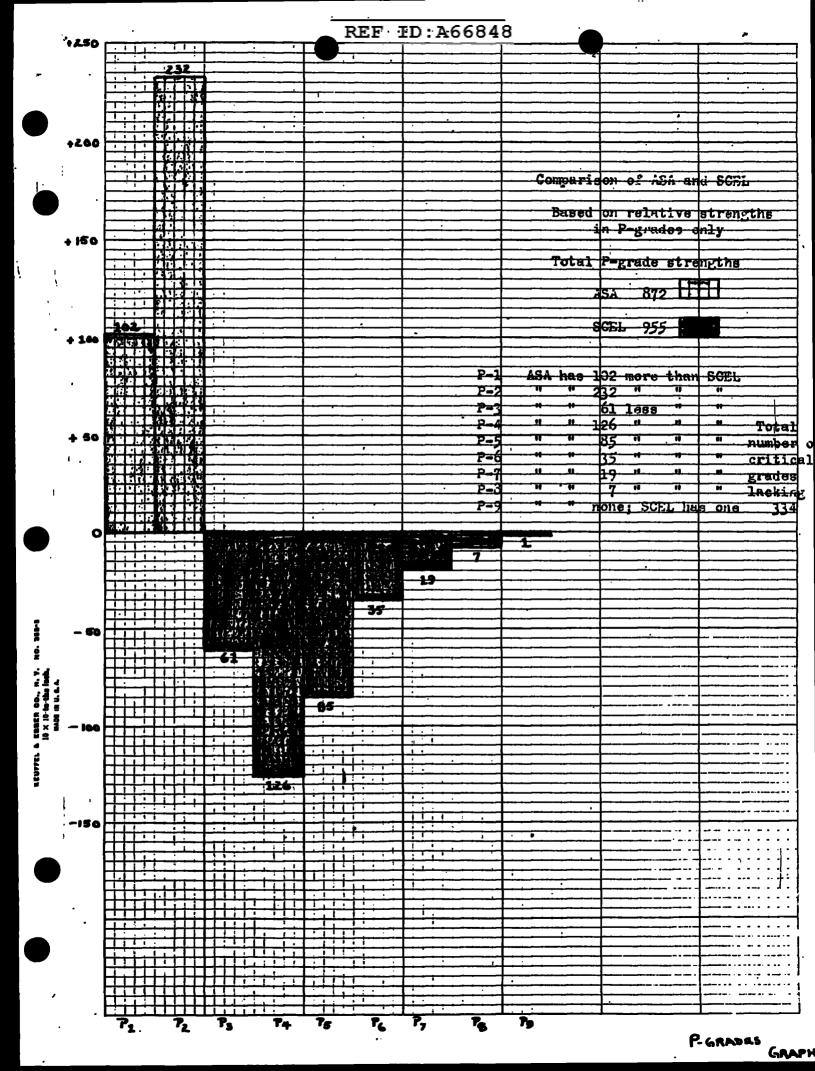
Summary of Comparison of ASA and Pt. Monmouth (Based on total strengths)

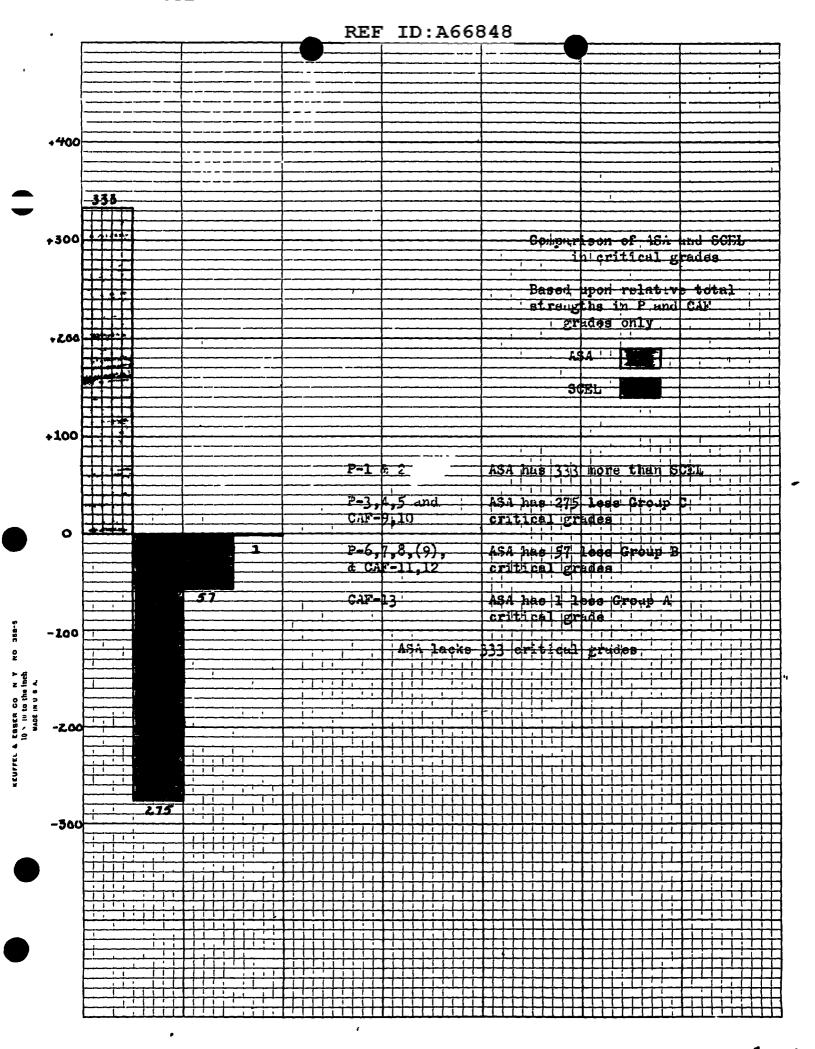
ASA Total Strength 31 Dec 48 -- 2644 Ft. Monmouth " 28 Feb 49 -- 4578

Graph	Grade	Monmouth has	ASA has	ASA should have	ASA excess	ASA deficiency
	P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8	119 188 267 276 171 60 23 12	197 362 150 74 52 14 1 4 0	69 109 154 159 99 35 13 7 1	128 253 381	4 85 47 11 12 .3 1
(App.1)	CAF-7 CAF-8 CAF-9 CAF-10 CAF-11 CAF-12 CAF-13	171 100 40 17 11 5	39 15 14 6 7 1 1	99 58 21 10 6 3 2	1	60 43 7 4 2 1 117
M ~ (App.1)	P-1 P-2&CAF-7 CAF-8 P-3&CAF-9 CAF-10 P-4&CAF-11 P-5&CAF-12 P-6&CAF-13 P-7 P-8 P-9	119 359 100 307 17 287 176 64 23 _12	197 401 24 164 6 81 53 15 1 4 0	69 207 58 177 10 166 102 37 13 7	128 194	34 13 4 85 49 22 12 3 1
I -	P-1&P-2 P-3,4,5&CAF-9,10 P-6,7,8,9&CAF-11,12 CAF-13	307 771 112 1194	559 296 27 1 883	177 446 65 <u>2</u> 690	382 382	150(Group C) 38(Group B) 16(Group A)

+150 ibb: Conversion of ASA and Fort Tompout +100 Based upon relative strengths in 7-grades only ASA total 854 +50 Ft Monmbuth 1117 5 11 32 2-1 SSA has 106 Lore than contacth -50 <u>21ဂိ</u> 54 ERRER CO. N V 10 X to the fach, MADE IN U. B.A. P-4 79 -100 ASA has nore; for bath his one ASA lacks 324 critical regrade 137 -150 P 12 **P3** r, Pa







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- 8. a. Because of the possibility that in comparing Fort Meamouth and the ASA in respect to their relative numbers of critical grade positions certain factors not quite obvious might be tending to paint a darker picture of ASA's position than is valid, the same sort of comparisons were again made, but using only the data for the Signal Corps Electronics Laboratories, at Fort Monmouth. Inclosure 6 gives the data as of February 1949 for SCEL and as of 31 March 1949 for ASA.
- b. Graphs H and I show how the two organizations compare. It will be noted (Graph H) that on the basis of the comparison between the ASA and SCEL, the ASA lacks 334 critical P-grades and (Graph I), a total of 333 critical grades; on the basis of the former comparison (ASA and Fort Monmouth as a whole), the ASA was shown to lack only 189. This comparison makes the ASA picture such darker instead of lighter.
- 9. a. Again, and for the same reason mentioned in far. Sa, a comparison was made between the SCEL and only those positions in ASA which are classified as pertaining strictly to research and development and the salaries for which are accordingly paid out of 610 (research and development) funds. Inclosure 7 gives the data as of February 1949 for SCEL and as of 18 April 1949 for ASA.
- b. Graphs J and K show how the two organizations compare. It will be noted in Graph J that on the foregoing basis the ASA lacks approximately 340 P-grades; in Graph K, it lacks approximately 346 critical grades, even more than are indicated in the preceding comparisons.
- e. (1) In an article published in the February 1949 issue of FM-TV Magazine (Inclosure 8), the SCEL states:

"Approximately 10% of the professional men at SCEL are in the \$7,400 to \$12,500 salary bracket; another 15% in the \$6,200 to \$7,400 group, and 23% are earning between \$5,200 and \$6,200."

(2) Raving the SCEL figures, they may be compared with these for ASA. The first group (\$7,400 to \$12,500) corresponds to P-6,7,8, and 9; the second group, to P-5; the third, to P-4. Here is the comparison, based upon relative strengths in P-grades (SCEL - 955; ASA - 872):

RESIRKFED

OFFICE OF THE CHIEF SIGNAL OFFICER
FORT MONMOUTH

PERSONNEL AND WORK LOAD STATISTICS

SIGNAL CORPS ENGINEERING LABORATORIES

FEBRUARY 1949



FORT MONMOUTH NEW JERSEY

RESTRICTED

REF_ID:A66848

CIVILIAN PERSONNEL

ACTUAL STRENGTH BY CLASSIFICATION AND SEX

CLASSIFICA	TION	MALE	FEMALE	TOTAL
SCEL TOTA	ILS	2087	567	2654
PROFESSIONAL	P TOTAL P-9 P-8 P-7 P-6 P-5 P-4 P-3 P-2 P-1	919 1 12 22 56 170 226 229 139 84	36 0 0 0 0 1 1 13 18 3	955 1 12 22 36 151 227 242 157 67
SUB-PROFESSIONAL	SP TOTAL SF-8 SP-7 SP-6 SP-5 SP-4 SP-3 SP-2		35 2 5 7 14 7 0	258 110 62 36 29 17 2
CLERICAL - ADMIBISTRATIVE - CUSTODIAL	CAF TOTAL CAF-13 CAF-12 CAF-10 CAF-9 CAF-8 CAF-7 CAF-6 CAF-7 CAF-6 CAF-2 CAF-2 CAF-3 CAF-2	258 2 2 4 4 15 7 57 21 40 31 76	468 0 0 0 2 2 2 10 9 40 122 157	726 2 2 4 6 17 9 67 30 80 123 211
CRAFTS - PROTECTIVE - CUSTODIAL	CPC TOTAL CPC-10 CPC-9 CPC-7 CPC-6 CPC-5 CPC-5 CPC-3 CPC-3	51 1 1 3 4 2 9 29	17 0 0 0 0 0 0 1 16 0	68 1 1 3 4 2 10 45 2
UM GRADE D	UNG TOTAL G-28 G-27 G-28 G-25 G-24 G-23 G-22 G-21 G-20 G-19 G-16 G-15 G-15 G-11 G-10 G-9 G-10 G-9 G-10 G-10 G-9 G-11 G-10 G-9 G-10 G-10	636 1 2 2 1 4 5 4 5 43 35 48 151 49 19 13 48 4 2 4 11 2 93 2 7 36	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	647 1 2 2 4 5 4 5 4 5 43 35 48 151 51 20 13 50 4 2 4 4 15 2 7 37 43 35 48 151 51 20 13 50 4 50 60 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8

AUTHORIZED AND ACTUAL STRENGTH BY MONTHS

			194	48					194	49		
	JUL	AUG	9E P	OGT	NOV	DEC	JAN	FEB	MAR	APR	MAY	,000
ACTUAL CIVILIAN STRENGTH	2334	2539	2644	2630	2636	2634	2634	2654				
AUTHORIZED CIVILIAN POSITIONS	2645	2645	2645	2645	2645	2645	2757	2757				

DISTRIBUTION OF DEPARTMENT OF THE ARMY CIVILIAN EMPLOYEES BY SERVICE AND GRADE

DATE OF REPORT (As of)

51 March 1949

REPORTS CONTROL SYMBOL CSCSO-52

FROM:

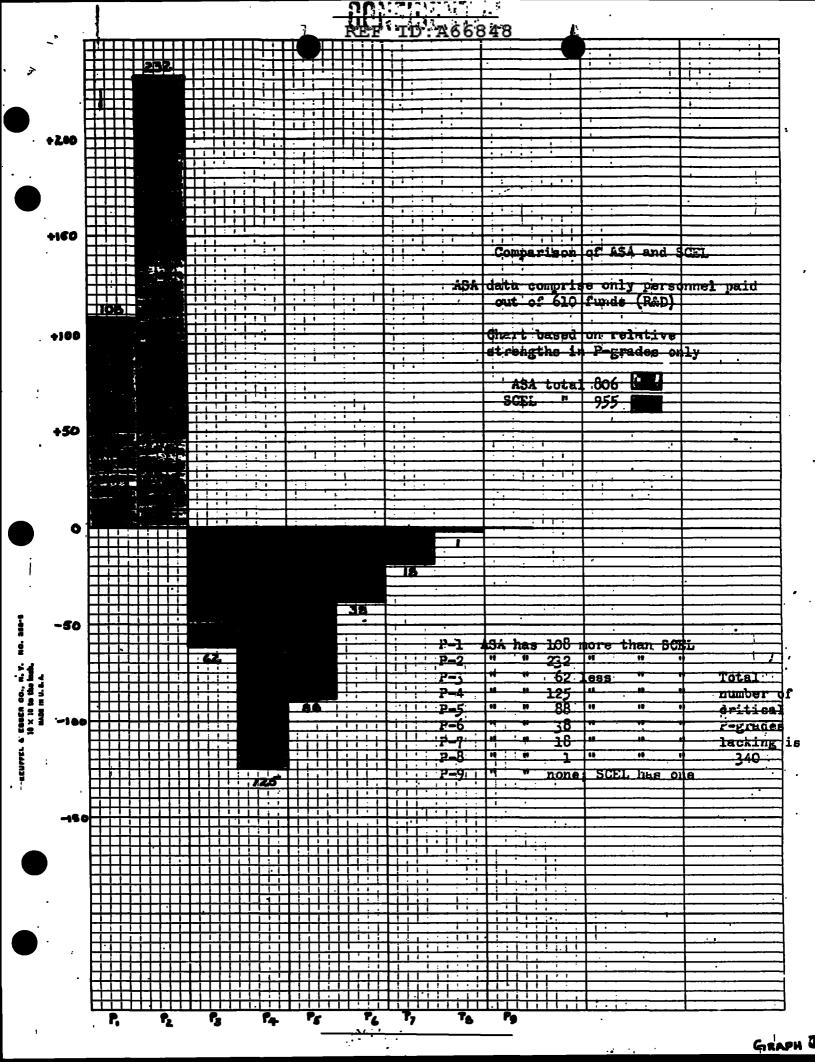
TO:

Including ASA School, LWOP and WAR

(ORGANI	ZATION)			(COMMAND OR AGENCY)	
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SERVICE AND GRADE	TOTAL (b+c+e) ASA (A)	ASAP SUBSTRIK LA (B)	7005th	(0)	NUMBER EXEMPT FRO LIMITATION AND/OR DETERMINATION:
DTAL	1 2690	12	124	2826	
ROF -TOTAL	871	0	1	872	
1	162			182	
2	375			375	
3	160			160	
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CAF-TOTAL	1801	12	9	1522	ļ
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3	328	1.	4	222	
4	449	8	3	455	
5	235	5	1	241	
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SP—TOTAL	258	0	0	238	
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CPC—TOTALS	65	0	60	125	
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n Ungraded	215		54	269	
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¹ Equals sum of totals reported on lines 3 and 6 DA AGO Form 805 as of same date ¹ From column (f) reverse side

DA ARO FORM 224



REF 1D 466848 4400 376 +300 Comparison of ASA and Stall

ASA data couprise only rersonnel sai

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Chart hased on relative strengti

in F-grades and CAF-9.10. +200 11,12,13 **5**(4des +100 0 Z -160 P-1 # P-2 had approximately 346 mere KESER CO., N. Y. 10 . IU to the inch. MADE IN U. S. A. 7-3,4,5 C4**7-9,1**0 å 10 10 277 loss P-6, 7,8, -Z00 (3) 4 C.2 7.0 11,12 C-F-13 Z11 -300 ACA RECKE & DITOXINE criti cal grade 73,4,6 P-6,7.6 CAF-15 LAF -9, (9), CAF . 11,12 10 110 210 .. 1.0

GRAPI

COPY

18 April 1949

CIVILIAN PERSONNEL PAID FROM 610 FUNDS

P-42	CAF-101	\$2-6 7	CPC-32
*-71	* 91	* 712	
*-69	* 81	4 6 2	
*-539	71	* 5 <u>-12</u>	
9-467	# 64	Total 33	Ungraded75
1-3142	4 536		
#-2364	420		
*-1182	* 3 6	•	•
Total 806	* 2		
	Total 63		

Totals

P	606
SP	3 3
CAP	63
CPC	2
Ung	_75
otal	979

JOHN L. SULLIVAN Chief, Personnel and Training Branch

OPPORTUNITIES FOR ENGINEERS

THE SIGNAL CORPS' PEACETIME PROGRAM OF RESEARCH AND DEVELOPMENT OPENS OPPORTUNITIES FOR SPECIALIZED WORK — By HAROLD B. CHURCHILL*

NEARLY every engineer, at some time in his professional career, reaches a point where he pauses to take stock of the progress he has made, and his probable future attainments. The proportions vary, but the basic ingredients of success are the engineer's particular abilities and qualifications, and the conditions of employment under which he works. If the algebraic sum of these two factors is a high value, preceded by a plus sign, the individual has reason to congratulate himself.

But engineers sometimes find that they have been side-tracked from the line of work they want to follow, or that they are limited in the attainment of full professional stature by lack of facilities. Then, a definite change is indicated.

Opportunities at SCEL:

At the Signal Corps Engineering-Laboratories, Fort Monmouth, N. J., we sometimes use a simple chart to summarize the advantages and opportunities open to those who join our staff, and to help them make comparisons with other positions. The chart asks nine questions:

- 1. Will you have outstanding facilities for scientific research?
- 2. A choice of more than 20 scientific fields within one organization?
- 3. Freedom to develop new ideas in the advancement of science, regardless of foreseeable commercial value?
- 4. Wide opportunity to transfer from one field to another as specialization develops, without change of employers?
- 5. Can you keep in close and continual touch with scientific progress at leading academic and commercial laboratories?
- 6. Can you continue your education and acquire higher academic degrees from a university of recognized standing, while progressing on your job?
- 7. Is the salary good, with open opportunity for promotion?
- 8. Is there security and reasonable assurance of uninterrupted employment, independent of economic cycles?
- 9. Will you have ideal country living with ready access to a large metropolitan aren? Suitable housing, schools, and a wide choice of recreation?

The Signal Corps Engineering Laboratories offer all these basic advantages to qualified engineers and research workers.

*Chief of Technical Information, Signal Corps Engineering Laboratories, Fort Monnouth, N. J.

SCEL Development Projects:

Staffed by civilian scientists working in concert with technical officers of the Signal Corps, SCEL has developed or sponsored during the last ten years a very large proportion of the electronic equipment which supports our Army.

The total number of major fields probably offers the widest opportunities for technical employment of any scientific organization today:

- 1. Radiological detection research.
- 2. Photographic and camera development.
- Sound, heat, and light detection and projection.
- 4. Thermionics and vacuum tube development.
- 5. Micro-optics.
- 6. Enemy missile and gunfire detection.
- 7. Electron acoustics.
- 8. Facsimile development.
- Telephone, telegraph, and wire systems.
- 10. Electronic power supply research.
- 11. Internal combustion power units.
- 12. Meteorological research.
- 13. Radio transmitter and receiver development.
- 14. Primary and secondary battery and battery substitute development.
- 15. Generator and dynamotor research.
- 16. Production engineering and maintenance.
- 17. Radio interference suppression.
- 18. Antennas and propagation research.
- 19. Component part and circuit element research and development.
- Crystal and frequency control research.
- 21. Specifications and standards.

Furthering this initial choice is the traditional SCEL policy of acquainting professional men with activities in all branches, to keep them abreast of projects in fields related to their own. Thus during the first year or two of employment for example, transfer to different specializations is readily possible, permitting each man to become channeled into the field where he finds himself best adapted.

Organization of Facilities:

Research and development in the Signal Corps Engineering Laboratories proceed in three separate but closely integrated laboratories, each equipped with advanced technical apparatus for work in the fields under continuous study by SCEL.

These laboratories are Evans Signal

Laboratory, Belmar, N. J.: Coles Signal Laboratory, near Red Bank, N. J.: and Squier Signal Laboratory, at Fort Monmouth, N. J.

Research and development in each field centers in a specific laboratory, with overall technical and administrative control exercised at Headquarters, SCEL, Squier Signal Laboratory.

Each equipped with the most modern machine shop facilities, the three Laboratories range over an area of more than 300 acres, providing test sites for any activity from mobile television to radiosonde flight.

In many cases the engineer follows the development of an embryo idea, often his own. through to the completion of the finished product.

While the engineer begins his experiments, precision parts and components are produced in SCEL shops. New special-purpose vacuum tubes may be needed. These are fabricated, and a model constructed. Experiments may proceed on the ground, aloft by balloon, rocket, or aircraft, or in the controlled atmosphere of chambers providing any required combination of pressure, temperature, and humidity.

Tests completed, the engineer may publish a report contributing his findings to basic knowledge in the field. Or, if the device meets a military need, SCEL production and maintenance specialists are assigned to work closely with him to effect transition of his prototype model into production for national defense.

Outside Contacts:

The engineer joining SCEL has a singular opportunity to keep abreast of nation-wide progress in the field he selects since, in its direct research and development responsibility for the U. S. Army, SCEL acts as the technical catalyst between industry and national defense.

In guiding and assisting in this nationwide program, SCEL engineers have an unparallelled opportunity for contact and information exchange with leading authorities in their fields, and for the increase of professional prestige.

There is also the opportunity to publish the findings of their work in both official media and the nation's technical press. They have complete freedom in this respect, except where the subject or discovery is so important to national defense that it must be held under security for our country's benefit.

(Concluded on page 35)

OPPORTUNITIES AT SCEL

(Continued from page 24)

Salaries at SCEL:

A graduate with a Bachelor's degree in engineering or physics, for example, can start at SCEL on a salary of approximately \$3,000.

Or, if he has a Master's degree in the appropriate field, \$3,727.20; and with a Doctor's degree, the entrance salary becomes \$1,479.60.

For each year of successful service. SCEL engineers become qualified for promotion to a higher level. Thus the graduate with a Bachelor's degree may receive \$3,727.20 after the first year, \$4,-479.60 after the second, and \$5,232 after the third. Comparable increases range up to \$12,500 for graduates with Master's or Doctor's degrees.

Separate from these full-grade promotions are in-grade or step promotions if the professional employee does not receive any other promotion during the year. This system provides pay increases of approximately \$190 a year in the first three professional grades, and \$250 every eighteen months in the higher professional grades if the employee's services are satisfactory. Such seniority salary increase is fully automatic if a full-grade promotion is not received within the 19or 18-month period.

Approximately 10% of the professional men at SCEL are in the \$7,400 to \$12,-500 salary bracket; another 15% in the \$6,200 to \$7,400 group, and 23% are carning between \$5,900 and \$6,900. Nearly all enjoy permanent employment status, insuring the high degree of continning security so essential to a satisfactory career in research.

Further Academic Studies:

An unusual feature of advancement opportunities at SCEL is that the engineer's academic education is not cut short by his employment.

Academic facilities are provided at SCEL for advanced education under the direction of a leading university, with classes held within the laboratories. This graduate program presently offers credits leading to a Master's degree, while others are planned leading to a Doctorate. Half of the class attendance time is allowed during working hours at full pay: the other half is on the engineer's own time. He pays only half the nominal tuition fee of \$5 a semester-hour, plus book costs.

Applications for Employment:

Employment application forms can be obtained by those interested in joining the SCEL staff from the Chief Civilian Branch, Personnel Division, Fort Monmouth, N. J., and any detailed information will be supplied.

IN THE PROFESSION, AN HONORED NAME The Altec Lansing A-323C Amplifier -The Altec Lonsing ALC-101 PM-AM Tuner

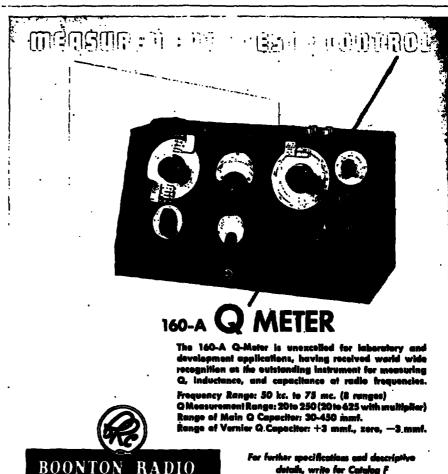
ENGINEERED FOR THE HIGHEST POSSIBLE PERFORMANCE REGARDLESS OF COST

This superb two-unit Altec Lansing combina-tion was designed in accordance with a single di-rective: "They are to be the finest. No component, no circuit, is to be chosen with price in mind. They must be able to realize the full resources of the finest AM and FM programs; they must be capable of receiving and delivering these resources undisturbed to the finest loudspeaker in the world.

the Altec Lansing 604B Duplex." The AM section is an improved tuned radio frequency circuit recognized as the best for high quality reception. The distortion-free circuits of the FM section re-create all of the life-like reproduction possible with FM. The A-323C Amplifier transmits to the loudspeaker the signal delivered by the tuner, changed only in power level. This two-unit com-

bination is available with special accessories to permit rack mounting for professional monitoring. Phonograph and television inputs and required switching are provided.

Technical folder describing ALC-101 Tuner and A-323C Amplifier sent on request. Write Altee Lansing Corporation, 1161 North Vine Street, Hollywood 38, Calif., 161 Sixth Avenue, New York 13, N. Y.



details, write for Catalog F

RESEARCH AND DEVELOPMENT DIVISION

AS-70

Proposed Promotions Subject to Survey

		AS-70				
HAME	PRESENT POSITION	GRADE	LAST PROMOTION	PROPOSED GRADE		
	- ADDITION	<u> </u>	DADI INGGOTICA	11010012		
Rose, Alfred W	0-RL-134	CAF-10	None	CAF-11		
		<u>A3-73</u>				
Brownstein, Herman	O-RD-IE-6 O-RD-IE-186-1	P-4	1-26-47	P-5 P-11		
Fadner, Lawrence T	0=M3=18=100=1	P-3	None	r =4		
		A3-74				
Mapier, Charles H	0-RD-EM-45-1	P-4	None	P-5		
Smith, Willard F	0-RD-EM-111	P-2	None	P-3		
		AS-75				
Flaherty, Maurice	0-RD-LS-259	P-3	5-16-48	P=l ₄		
		AS-76				
Akeley, Evelyn N	0-RD-C-112	P-4	6-16-կկ	P-5		
Chiles, J Richard	0-RD-C-28	P-4	11-3-46	P-5		
Fahringer, Mary M	0-M-C-15	P-3	12-29-46	P-li		
Goldner, Isadore	0-RD-C-27	P-3	None	P=4		
Kanter, Jules I	0-RL-C-529	P-3	2-22-48	P-4		
Littman, Morris M	0-RD-C-614	P-3	None	P=4		
		AS-77				
Bankson, Harold D	0-RD-E-17	P-4	8-26-45	` P- 5		
Promotions on which Action is Pending						
		<u>AS-71</u>		ı		
Rosen, Rose C	0-RL-15	P-2	9-7-47	P-3		
		AS-76				

P-2

P-3

None

5-19-46

Blum, Joseph 0-RD-C-25-1 Metcalf, Phyllis 0-RL-C-50-2

Personnel Downgraded when Ceiling was first Applied

AS-70

HAVE	PRESENT POSITION	GRADE	LAST PROMOTION	PROPOSED GRADE
*Douglas, James H *Levenson, Arthur J	0-RD-349 0-RL-350	P-5 P-5	8-25-46 None	P-6 P-6
		AS-71		
*Spalding, Frederick	0-RL-351	P=5	None	P-6

A8-70

RECAPITULATION

Estimated Additional Critical Grade Authorisations Required

Group B - 4 Group C - 12 TOTAL - 16

^{*}Downgraded 29 June 1947 due to application of critical grade ceiling.

AS-80

5 April 1949

ADDITIONAL IDENTICALS REQUIRING ESTABLISHMENT

Mane	Present Position	Grade	Date Last Promotion	New Position	Grade
AS-81 Clyde Hungerford	0-S-T-175-1	P-3	20 Mar 1949	0-S-T-174-1	P - 4

AS-30

5 April 1949

PROMOTIONS FOR WHICH A SURVEY IS REQUIRED

Hame	Present Position	Grade	Date Last Promotion	Grade
AS-82				
William V. Russo	0-S-MAT-993	P-15	30 May 1948	P-6
Richard Battey	0-S-MAT-994	P-4	30 May 1948	P-5
Curtis W. Wernle	0-S-MAT-992	CAF-9	30 May 1948	CAF-10
AS-83				
Warren F. Beck	0-S-METH-308	P-4	15 Dec 1946	P-5
AS-84				
Brice H. Livingston	0-S-P-222-2	P-2	19 Sep 1948	P-3
Ollie Y. Jennings	0-S-P-222	P-2	26 Dec 1948	P-3
John E. Allen	0-S-P-222-1	P-2	12 Jan 1948	P-3
AS-85				
Arthur A. Wieder	0-S-MAIN-384	P-4	16 May 1948	P-5
Eldred W. Ayers	0-S-MAIN-160-4	CPC-10	15 Dec 1946	P-3
Joseph Palcone	0-S-MAIN-160-10	CPC-10	10 Aug 1947	P-3

AS-80

5 April 1949

PROMOTIONS FOR WHICH SURVEY OR OTHER ACTION IS PENDING

Name	Present Position	Grade	Date Last Promotion	New Grade
AS-80				
Harry L. Clark	0 - S-130	P-6	30 Aug 1946	P-7
Otis D. Wilson	0-8-195	P-2	25 Aug 1947	P-3
AS-83				
Frank C. Austin	0-S-METH-42	P-5	3 Nov 1946	P-6
AS-85				
Kenneth Kuhn	0-S-MAIN-162	P-5	30 Oct 1946	P-6

AS-80

5 April 1949

AUTHORIZATION REQUIRED FOR ESTABLISHMENT

AS-81
Electrical Engineer P-5 Chief, Facilities Section
AS-84
Traffic Analyst P-4 Asst. Chief, AS-84

AS-80

RECAPITULATION

Estimated Additional Critical Grade Authorizations Required

Group A - 0
Group B - 3
Group C - 5
TOTAL - 8

Positions Presently Occupied By Military Fersonnel For Which A Civilian Replacement Will Require A Critical Grade

<u>Position</u>	Name	Military Grade	Civilian Grade
AS-90			
Asst. Chief, A8-90 Chief, A8-95	M. H. Klein M. H. Klein	Major Major	P-6 P-6
AS-94			
Radio Engineer	W. B. Palioca	1st Lt.	CAF-9

REF ID:A66848

Personnel To Be Promoted On Additional Identical Positions

A8-93

Name	Pres. Pos.	Grade	Date Last Pros.	New Pos.	Grade
R. Mancini P.R. McKenzie M. Webb E. Sarasohn R. Lee C. Jacklin A. Keosian F. Moss J. McDowell A. Ferguson R. Stewart W. Kazmar E. Wright B. Dudley C. Roche S. Osinski C. Morris Y. Birks J. Moody A. Harrington E. Gietkowski H. Gibbons J. Murphy	0IC-3929 " -112 " -77 " -77 " -3929 " -151 " -94 " -3929 " -151 " -94 " -94 " -951 " -94 " -951 " -951 " -951 " -98 " -188 " -188 " -3928	P-2222222222233333	Jan. '48 Sept. '44 Jan. '47 Aug. '46 Jan. '47 June '47 June '47 Jan. '46 Aug. '44 Apr. '47 Peb. '47 July '45 Dec. '47 July '45 Dec. '47 June "45 Sept. '47 May '46 Apr '47 May '46 Jul. '46	OIC - 4318 -5533 -76 -76 -76 -4318 -5535 -3928 -97 -4318 -3928 -97 -97 -4318 -97 -97 -4318 -97 -97 -15781 -15781 -15781 -15781 -15781 -15781	P
A8-95	•				
H. Bevans J. Carey M. Moore M. Mulhearn M. Miller	OIID-5 "-5 "-5 "-7 "-1045	P-2 P-2 P-2 P-2 CAF-8	Peb. '47 Mar. '48 July '47 Oct. '45 Mov. '47	OIID-4 " -4 " -4 " -4 " -352	P-3 P-3 P-3 P-3 P-3
AS-97	078n 00 6	n 0	Wass the	0700 36	
S. O'Toole H. Putnam R. Johnston B. Kohout J. Coen J. Gray M. Staton H. Keller S. Snook J. Wilson R. Sullivan F. Kuipers	OISP-20-6 " -20-8 " -20-5 " -20-10 " -20-3 " -46-2 " -34-1 " -45 " -981 " -978-1 " -978-3 " -124-5	P-2 P-2 P-2 P-2 P-2 P-2 P-2 P-2 P-2	Mar. '46 Jan. '47 Mar. '48 Oct. '47 Nov. '46 Dec. '46 Dec. '46 Dec. '46 Dec. '46 Mar. '46 Dec. '46	OISP-16 " -16 " -16 " -16 " -108 " -108 " -108 " -108 " -977 " -977 " -34	P-3 P-3 P-3 P-3 P-3 P-3 P-3 P-3 P-3

A8-97 (Cont'd)

Hame	Pres. Pos.	Grade	Date Last Prom.	New Pos.	3rade
M. Melgaard I. Scheps C. Long G. Grabeel V. Wiley V. Klaessy M. Barrows R. Darby	018P-124-3 " -124-12 " -112-8 " -112-7 " -112-2 " -982-2 " -982- " -20	P-2 P-2 P-2 P-2 P-2 P-2 P-2	Mar. '46 Mar. '46 Jan. '46 Mov. '44 Dec. '46 Dec. '46 Jan. '47 Sept. '48	0ISP-34 " -34 " -1040 " -1040 " -1040 " -1040 " -16	P-3 P-3 P-3 P-3 P-3 P-3 P-3

REF ID:A66848

Promotions For Which A Survey Is Required

Name	Pres. Pos.	Grade	Date Last Prom.	New Grade
AS-93	•			
N. Martin L. Derthick E. Carman M. Irvin M. Hammes J. King R. Baruzzi R. Faust W. Wall A. O'Brien A. Checkoway F. Blank k. Devereux E. Stephens H. Herczog F. Brugger k. Weideman C. Munn M. Mitchell	OIC -3170 " -3561 " -3874 " -3566 " -95 " -95 " -223 " -76 " -3557 " -89 " -5562 " -1565 " -180 " -4318 " -2424 " -03 " -15781 " -110 " -5157	P-22222233333444444444444444444444444444	Jan. '47 Jul. '45 Jun. '45 Jun. '45 Mar. '47 Aug. '45 Jan. '47 Feb. '46 Jun. '45 May '46 Feb. '48 Mar. '47 Feb. '46 Jan. '45 Jul. '46 Jun. '44 Dec. '45 Feb. '47 Dec. '47	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
AS-94				
A. Galusha J. Dolbear H. Brown	IC-1061 " -56 " -991	P-2 P-3 CAF-10	Apr. '48 Mar. '46 Apr. '48	P-3 P-4 CAF-11
AS-95	,			
K. Jansen R. Leyrer C. Heriot F. Bermbach F. Porras C. Tevis	OIID-18 " -5 " -5 " -4 " -4	P-2 P-2 P-3 P-3 P-3	Aug. '46 Nov. '47 Dec. '46 Jan. '47 Jan. '48 Apr. '46	P-3 P-3 P-4 P-4 P-4
A8-96				
D. Marston	0 IT- 2	P-5	Nov. '47	P-6

Promotions On Which Survey Or Other Action Is Pending

Name	Pres. Pos.	Grade	Date Last Prom.	New Grade
A8- 92	•			
A. Daniels S. Powers W. Sharp	OIM-407 " -407 " -407	P-3 P-3 P-3	Aug. '46 Aug. '46 Feb. "47	P-4 P-4 P-4
AS-94				
G. Porter R. Neill R. Alde	IC-1265 IC-545 IC-56	CAF-11 P-4 P-3	July '46 Oct. '46 Sept. '46	CAF-12 P-5 P-4
AS-95			1	
E. Power	OIID-4	P-3	Nov. '44	P-4
AS-97				
M. Calhoun C. Berry S. Norland C. Phillips O. Adams J. Gurin J. Lively H. Sauerwein C. Porter T. Squier A. Hesse A. Lewis * P. Gerhard * R. Gitson	OISP-58-3 " -1049 " -34-4 " -1040 " -14 " -11 " -121 " -122 " -29 " -52 " -42 " -101-5 " -975-1 " -58	P-2 P-3 P-3 P-4 P-4 P-4 P-4 P-4 P-4 P-2	Aug. '46 Dec. '46 Jun. '46 Oct. '46 Mar. '48 Jul. 48 Oct. '46 Mar. '47 Dec. '46 Nov. '46 Dec. '45 Feb. '46 Jan. '45 Teb. '47	P-3 P-4 P-4 P-5 P-5 P-5 P-5 P-5 P-5 P-5

AS-90

RECAPITULATION

Estimated Additional Critical Grade Authorisations Required

Group A - 0 Group B - 3 Group C - 60

^{*} Downgraded 29 June 1947 due to application of 3 ritical grade ceiling.