

PROGRESS REPORT
ON
NATIONAL DEFENSE PROGRAM

June 30, 1941

Prepared by
Bureau of the Budget
Executive Office of the President

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) and (E)
OMB letter, 11-27-72
By SLR, NARS Date JAN 22 1973

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SUMMARY

Financing: \$42,500,000,000 was authorized by Congress for obligations for defense purposes during F.Y. 1941.

Aircraft Production: 8,992 airplanes and 24,717 engines were delivered to the Army, Navy, and British between July 1, 1940 and June 1. 575 tactical and 683 training planes were delivered to them in May.

Army Air Corps Planes: The Army had 4,878 planes classified as suitable for their purpose on June 1. 1,270 were tactical types. The number of suitable planes on hand July 1, 1940 was 1,541.

Navy Planes: The Navy and Marine Corps had 3,342 useful planes on hand June 1. 1,866 were combat types. The number of useful planes on hand July 1, 1940 was 1,712.

Production Facilities: Contracts had been awarded through the middle of June for plant expansion of 399 projects estimated to cost \$2,312,000,000.

Army Personnel: The total active strength of the Army increased from 268,000 on July 1, 1940 to 1,358,657 on June 1.

Navy Personnel: The active duty strength of Navy and Marine Corps personnel increased from 179,000 to 315,000 between July 1, 1940 and June 1.

Combatant Vessels: One destroyer and one submarine were completed during May.

I. DEFENSE FINANCES

Appropriations

Beginning with appropriations made last June for F.Y. 1941 and continuing through June 30, there had been authorized 42.5 billion dollars for national defense purposes, as follows:

<u>Appropriations and Contract Authorizations*</u>	<u>F.Y. 1941</u>	<u>F.Y. 1942</u>	<u>Total</u>
	(Billions of dollars)		
Army	13.284	7.267	20.551
Navy	4.407	2.855	7.262
Defense Aid Appropriation	7.000	—	7.000
Maritime Commission	0.314	—	0.314
Defense Housing	0.420	—	0.420
President's Emergency Fund	0.200	0.125	0.325
Panama Canal	0.138	0.118	0.256
Other defense activities	<u>0.334</u>	<u>0.080</u>	<u>0.414</u>
Total	26.097	10.445	36.542
Additional funds required to complete vessels started after F.Y. 1940 (estimated)			<u>5.938</u>
Grand total			42.480

*The parts of appropriations intended to liquidate prior contract authorizations are estimated and have been excluded. Amounts are subject to future adjustments based on actual allocations of appropriations for the liquidation of contract authorizations. The estimated amount of additional funds required to complete vessels started after F.Y. 1940 is in the process of revision.

Army and Navy Expenditures

Army and Navy disbursements were as follows to June 1:

	<u>Disbursements</u>	
	<u>May</u>	<u>July 1, 1940 to June 1, 1941</u>
Army	\$455,620,000	\$3,127,383,000
Navy	<u>337,619,000</u>	<u>1,970,061,000</u>
Total	\$793,239,000	\$5,097,444,000

While the total monthly disbursements for the Army and Navy have increased for the past three months, there has been a decline in the amount disbursed by the Army, as is shown in the table which follows. It appears that this decline is due principally to the completion of camps and cantonments.

	<u>Disbursements</u>		
	<u>March</u>	<u>April</u>	<u>May</u>
	(Millions of dollars)		
Army	\$544	\$516	\$456
Navy	<u>185</u>	<u>220</u>	<u>337</u>
Total	\$729	\$736	\$793

II. AERONAUTICAL PROGRAM

Airplane Deliveries

Of the 11,020 airplanes delivered by producers of military types in this country during the eleven months between July 1 and June 1, 44 percent or 4,912 have been classified by the Air Corps as tactical planes. Of these, 4,396 were combat planes.

Airplane Deliveries, by Types*

<u>Type</u>	<u>May 1941</u>	<u>July 1, 1940 to June 1, 1941</u>
Tactical:		
Bomber, heavy	13	119
Bomber, medium	73	433
Bomber, light, 2-engine	172	1,040
Bomber, light, 1-engine	57	406
Pursuit, 2-engine	5	20
Pursuit, 1-engine	<u>247</u>	<u>2,378</u>
Total combat	567	4,396
Transport and observation	<u>66</u>	<u>516</u>
Total tactical	633	4,912
Trainers	713	5,135
Unclassified	<u>111</u>	<u>973</u>
Grand total	1,457	11,020

*Classification and data were taken from Army Air Corps report and do not necessarily agree in exact detail with other reports.

The following table shows deliveries of planes and engines, by customers, for May and the first eleven months of the fiscal year.

<u>Customer</u>	<u>Airplane Deliveries</u>		<u>Engine Deliveries</u>	
	<u>May</u>	<u>July 1 to June 1</u>	<u>May</u>	<u>July 1 to June 1</u>
Army	530	3,710	1,438	8,474
Navy	259	1,754	394	3,380
British	469	3,528	1,609	12,863
Other foreign	59	529	42	1,027
Commercial	<u>144</u>	<u>1,503</u>	<u>644</u>	<u>7,668</u>
Total	1,461	11,024	4,127	33,412

Compared with manufacturers' estimates made in April, May deliveries of planes were 231 short of the number expected for the Army, Navy, and British.

	<u>Army</u>	<u>Navy</u>	<u>British</u>
Deliveries in May	530	259	469
Scheduled for May	702	282	505
Percent of schedule delivered	75%	109%	93%

Deliveries of military types of planes for May and for the first eleven months of F.Y. 1941 were:

<u>Customer</u>	<u>Tactical</u>		<u>Training</u>	
	<u>May</u>	<u>July 1 to June 1</u>	<u>May</u>	<u>July 1 to June 1</u>
Army	81	1,041	449	2,669
Navy	128	795	131	959
British	366	2,615	103	913
Other foreign	36	277	22	212
Commercial	<u>23</u>	<u>181</u>	<u>11</u>	<u>392</u>
Total	634	4,909	716	5,145

Airplanes for the British

The U. S. Army Air Corps reports the following deliveries of airplanes to Great Britain by U. S. manufacturers for the periods indicated:

	<u>May 1941</u>	<u>July 1, 1940 to June 1, 1941</u>
Tactical planes:		
Bombers, heavy	12	26
Bombers, medium	20	232
Bombers, light, 2-engine	167	895
Bombers, light, 1-engine	<u>12</u>	<u>23</u>
Total bombers	211	1,176
Pursuit, 1-engine	155	1,392
Other tactical	<u>—</u>	<u>47</u>
Total tactical	366	2,615
Training planes	<u>103</u>	<u>913</u>
Grand total	469	3,528

Army Air Corps

A. Airplanes

The number of Army Air Corps airplanes classified as suitable for their purpose increased 504 during May, from 4,374 to 4,878.

Airplane Inventory, Deliveries and Losses

Type	Suitable for Purpose		May Deliveries	May Losses and Transfers
	On Hand June 1	Increase Since July 1		
Tactical planes:				
Bombers, heavy	111	58	—	—
Bombers, medium	130	116	34	2
Bombers, light	123	123	5	2
Pursuit	569	536	33	3
Transport, observation, etc.	337	50	9	7
Total tactical	1,270	883	81	14
Training planes	3,608	2,454	449	19
Total planes	4,878	3,337	530	33

B. Major Army Air Stations

Status of Construction at Major Air Corps Stations
June 1, 1941

Project and Location	Estimated Cost	Percentage of Completion		Estimated Date of Completion
		June 1st	May Increase	
<u>Bases</u>				
Albrook Field, Panama	\$13,656,092	35	10	July 1942
Borinquen Field, Puerto Rico	22,709,000	40	11	March 1942
Elmendorf Field, Anchorage, Alas.	21,498,000	40	8	Oct. 1942
Hickam Field, Honolulu, T. H.	13,415,000	(Not available)		Dec. 1941
Howard Field, Panama	14,905,114	52	8	July 1942
Ladd Field, Fairbanks, Alas.	6,128,000	88	1*	Oct. 1941
MacDill Field, Tampa, Fla.	6,688,000	69	- 26*	March 1942
McChord Field, Tacoma, Wash.	7,444,000	94	1	June 1941
Westover Field, Chicopee Falls, Mass.	8,573,000	68	3	Sept. 1941
<u>Depots</u>				
Ogden Air Depot, Ogden, Utah	8,909,000	40	3	Jan. 1942
Patterson Field, Fairfield, O.	7,106,000	34	- 22*	July 1942
South East Air Depot, Mobile, Ala.	11,352,000	32	3	Jan. 1942
Wright Field, Dayton, Ohio	11,116,000	30	- 33*	July 1942
<u>Technical Schools</u>				
Chanute Field, Rantoul, Ill.	13,889,000	97	1	Sept. 1941
Lowry Field, Denver, Colo.	8,752,000	90	6	Sept. 1941
Scott Field, Illinois	11,185,000	70	- 9*	Sept. 1941
Wichita Falls, Texas	12,550,000	(Not started)		
Biloxi, Miss.	9,596,000	(Not started)		

*Additional work added to project.

C. Air Corps Personnel

The estimated active duty strength of the Air Corps personnel was 125,000 on May 31, as compared with 166,000 required for the 54-group program. The total number of active duty pilots, including those assigned to administrative, training, and non-tactical duties was 6,518 or about 52 percent of the number required for the 54-group program.

The following shows the progress of the pilot training program toward the objective of 12,000 graduates per year:

<u>Entering Training</u>		<u>Graduating</u>	
Required every 5½ weeks	2,150	Required every 5½ weeks	1,264
March 22	2,062	April 26	628
May 3	2,061	May 29	706

The Army is now in the process of awarding contracts for additional training schools, so as to increase the pilot training rate to 30,000 per year and to train about 33,000 other air specialists, such as navigators, bombardiers, gunners, etc. This stepped-up program is scheduled to go into operation next October.

As of June 18, the number of schools available as compared with the number required for the 12,000 and the 30,000 pilot training program was:

	<u>Number of Schools</u>			
	<u>Required for 12,000 Pilot Program</u>	<u>Required for 30,000 Pilot Program</u>	<u>Available June 18, 1941</u>	<u>Under Construction June 18, 1941</u>
<u>Pilot training:</u>				
Elementary civil schools	26	41	26	0
Basic civil schools	3	3	3	0
Basic military schools	7	15	7	0
Advanced military schools (1-eng.)	3	7	2	1
Advanced military schools (2-eng.)	8	14	6	2
Basic-advanced military school	1	1	0	0
<u>Navigation training:</u>				
Civil school	1	1	1	0
<u>Flexible gunnery training:</u>				
Military school	<u>2</u>	<u>3</u>	<u>0</u>	<u>2</u>
Total	51	85	45	5

The Army will train as a part of its expanded program 4,000 British pilots per year, and the first class of about 550 started on June 7. At the same time, 200 British students entered civilian contract schools in the United States. This was the beginning of a program to train, under British methods and with civilian instructors in the United States, 3,000 British pilots per year.

Navy and Marine Corps Aeronautical Program

A. Airplanes

Navy and Marine Corps planes classified as "useful" increased from 1,712 to 3,342 between July 1 and June 1. The May increase was 250.

Airplane Inventory, Deliveries and Losses

<u>Type</u>	<u>Useful Planes</u>		<u>May Deliveries</u>	<u>May Losses</u>
	<u>On Hand June 1</u>	<u>Increase Since July 1</u>		
Combat planes:				
Bombing, 4-engine patrol	3	3	1	0
Bombing, 2-engine patrol	305	88	18	1
Bombing, torpedo	106	- 8	0	2
Bombing, scout	650	251	45	3
Fighting	364	175	36	6
Observation scouting	<u>438</u>	<u>160</u>	<u>25</u>	<u>13</u>
Total combat	1,866	669	125	25
Transport and utility	181	30	3	0
Training planes	<u>1,295</u>	<u>931</u>	<u>131</u>	<u>6</u>
Total planes	3,342	1,630	259	31

B. Naval Aviation Personnel

The active duty strength of the Navy and Marine Corps aeronautical organization, including those engaged in flight training, was 57,517 on May 31, an increase of 6,564 during May.

	Active Duty Requirements for 15,000 Plane Program	Active Strength May 31	Increase in Active Strength	
			During May	July 1 to May 31
Pilots, all grades*	14,100	4,286	172	1,201
Other personnel	<u>125,000</u>	<u>53,231</u>	<u>6,392</u>	<u>24,524</u>
Total	139,100	57,517	6,564	25,725

*Includes pilots assigned to administrative, training, and non-tactical activities.

The number of aviation cadets entering and completing training to the end of May was:

	Scheduled F.Y. 1941	July 1 Through May	May 1941	April 1941
Entering training	3,214	3,876	1,012	579
Graduating	1,187	1,125	165	166

The number receiving pilot training compares with the maximum expected under the present program, as follows:

	In training		Maximum Expected
	May 31	April 30	
Pensacola	1,960	1,712	1,806
Jacksonville	760	496	1,204
Corpus Christi	<u>448</u>	<u>174</u>	<u>1,806</u>
Total	3,168	2,382	4,816

III. PRODUCTION FACILITIES

Projects Under Contract

Up to mid-June, contracts had been awarded by the War and Navy Departments, Defense Plant Corporation, and the Maritime Commission for 399 production facility projects at an estimated cost of \$2,312,000,000. This figure includes projects financed from Defense Aid appropriations, and it represents an increase of \$255,000,000 over May 15.

<u>Type of Facility</u>	<u>Number of Projects</u>	<u>Estimated Cost (millions)</u>	<u>Increase Over May 15 (millions)</u>
Aircraft	112	544	46
Ordnance	145	1,137	161
Shipbuilding	103	507	33
Other	<u>39</u>	<u>124</u>	<u>15</u>
Total	399	2,312	255

The financing of these projects is divided among the four agencies, as follows:

	<u>Projects</u>	<u>Obligations (millions)</u>
War	160	1,087
Navy	185	760
Defense Plant Corporation	105	531
Maritime Commission	<u>15</u>	<u>82</u>
Gross total	465	2,460
Less: War and Navy obligations to reimburse Defense Plant Corporation	<u>66</u>	<u>148</u>
Net total	399	2,312

In addition, the RFC had authorized loans totaling \$67,000,000 for plant expansion and working capital for defense industries through May 31.

War and Navy Funds and Obligations

The following table shows the status of the production facility funds (including Defense Aid allocations) of the War and Navy Departments at the middle of June:

	<u>Available Funds (millions)</u>	<u>Contracts Awarded (millions)</u>	<u>Percent of Funds Contracted</u>	
			<u>June 15</u>	<u>May 15</u>
War:				
Aircraft	373	248	66	63
Ordnance	1,371	786	57	51
Other	48	53	110	92
Unallotted funds	<u>8</u>	<u>—</u>	<u>—</u>	<u>—</u>
Subtotal	1,800	1,087	60	55
Navy:				
Aircraft	100	77	77	85
Ordnance	350	256	73	64
Shipbuilding	<u>500</u>	<u>427</u>	<u>85</u>	<u>78</u>
Subtotal	<u>950</u>	<u>760</u>	<u>80</u>	<u>74</u>
Grand total	2,750	1,847	67	61

Private Investment in Defense Plants

Up to June 1, 1,486 certificates of necessity had been granted under the Second Revenue Act of 1940 on privately financed plant expansion projects totaling \$805,800,000 found necessary for national defense and entitled to apply the special amortization provisions of the act. The increase between May 15 and June 1 was 122 certificates for projects costing \$26,800,000.

Status of Plant ExpansionA. Army Aircraft Plants

The following table presents the best available information on the status of the principal airframe and airplane engine plants.

Army Aircraft Plants — Status on June 14, 1941

Plant	Estimated Cost of Construction & Equipment	Percent of Construction Completed	Percent of Equipment Delivered	Estimated Date of Initial Operation
<u>Airframes</u>				
Beech, Wichita, Kansas	\$ 2,332,000	99	94	4-15-41
Bell, Buffalo	1,325,000	99	99	5-19-41
Boeing, Seattle	10,250,933	98	74	4-15-41
Boeing, Wichita, Kans.	12,500,000	99	54	4- 41
Curtiss-Wright, Buffalo	16,879,000	81	29	6- 1-41
Curtiss-Wright, Columbus	14,519,000	65	20	6-15-41
Curtiss-Wright, St. Louis	15,288,000	55	15	6- 1-41
Douglas, Long Beach, Calif.	11,398,000	60	56	4- 41
Fairchild, Hagerstown, Md.	1,100,000	75	45	6-23-41
Martin, Middle River, Md.	25,690,000	36	46	8- 1-41
North American, Dallas	8,032,000	97	85	4-17-41
North American, Inglewood, Calif.	2,327,000	*	88	3- 1-41
Republic, Farmingdale, N. Y.	9,301,000	65	38	7-15-41
Vultee, Downey, Calif.	4,880,000	100	78	6- 1-41
U. S. Assembly Plants:				
Kansas City, Kansas	9,500,000	54	0	8-15-41
Fort Worth, Texas	22,907,000	3	0	1- 1-42
Tulsa, Oklahoma	23,027,000	5	0	10- 42
Omaha, Nebraska	14,970,000	13	0	11-1-41
<u>Engines</u>				
Buick, Melrose, Illinois	31,339,000	19	0	5- 42
Ford, Dearborn, Michigan	23,923,000	89	75	7- 1-41
Studebaker, South Bend)		17	0	
Studebaker, Fort Wayne)	51,179,000	38	0	
Studebaker, Chicago)		27	0	
Wright-Aeronautical, Lockland, O.	43,457,000	44	36	4-15-41
Wright-Aeronautical, Patterson, New Jersey	3,453,000	68	13	12-9-40

*No construction.

B. Army Ordnance Plants

The President had approved in round numbers 80 ordnance plant expansion projects, estimated to cost a little over one billion dollars through June 14. The status of construction and machinery deliveries for the major projects in this program appears in charts at the end of this report.

The Construction Division of the Quartermaster Corps is handling the construction phase of some of these plants, while others are being built by the Defense Plant Corporation or private operators. Of those handled by the Construction Division, 32 plants estimated to cost \$484,000,000 for construction (machinery not included) are under contract and were 45 percent complete on June 14.

IV. ARMYProcurement of Equipment and Facilities

As of June 19, the War Department reported contracts and orders amounting to 77 percent of the estimated total of \$11,000,000,000 made available up to that date for the procurement of equipment and facilities. Obligations amounting to \$1,868,000,000 were incurred during the period from May 15 to June 19.

Deliveries of Selected Critical Materiel to June 1

	Current Procure- ment Program	Deliveries		Percent of Total Program	
		Total to June 1	May 1 to June 1	Deliv- ered	Con- tracted
<u>Antiaircraft</u>					
Guns, 3 inch and 90 mm.	1,423	71	1	5	96
Guns, 37 mm., antiaircraft	3,195	362	37	11	100
Searchlights	2,485	972	260	39	87
Ground radio, SCR 268	528	55	23	10	83
Ground radio, SCR 270 and 271	185	26	11	14	75
<u>Combat Vehicles</u>					
Tanks, light	3,527	738	212	23	100
Tanks, medium	4,596	59	19	1	54
Personnel carriers, half-track	9,747	66	66	1	96
Scout cars	2,733	2,625	177	96	100
<u>Artillery</u>					
Howitzers, 155 mm. (high speeding)	1,436	746	100	52	100
Guns, 155 mm. (high speeding)	927	62	0	7	71
Howitzers, 105 mm.	3,286	8	0		83
Howitzers, 75 mm.	958	101	19	11	100
<u>Small Arms</u>					
Garand rifles	897,805	170,406	22,000	19	93
Guns, 37 mm., antitank	7,653	443	4	6	80
Mortars, 81 mm.	3,773	615	3	16	91
Mortars, 60 mm.	10,162	2,827	606	28	100

Construction Programs*

A. Troop Housing

As of June 14, the troop housing construction program of the Construction Division of the Quartermaster General's office was about 88 percent complete, with completed housing sufficient for 1,215,000 enlisted men out of a program designed to house 1,274,000 men. In addition, the Corps of Engineers was constructing housing for about 212,000 men.

Troop Housing Program of Q.M. Construction Division, June 14, 1941
(Air Corps housing not included)

<u>Class of Project</u>	<u>Projects (number)</u>	<u>Estimated Cost of Construction</u>	<u>Value of Construction in Place</u>	<u>Percent of Completion</u>
Camps and cantonments	50	\$624,249,000	\$581,003,000	93
Reception centers	28	6,725,000	6,357,000	95
Replacement centers	19	98,788,000	95,864,000	97
Harbor defenses	52	23,150,000	20,234,000	87
Other Q.M. housing	<u>101</u>	<u>62,472,000</u>	<u>12,685,000</u>	<u>20</u>
Total	250	\$815,384,000	\$716,143,000	88
Status May 17	182	\$759,626,000	\$689,954,000	91

Sixty-eight housing projects for miscellaneous facilities, estimated to cost \$47,624,000, were added to the program between May 17 and June 14.

B. General Hospitals

The 9 general hospitals (9,500 beds) being built by the Quartermaster Construction Division were 92 percent completed on June 14, as against 84 percent on May 17. The La Garde general hospital in Louisiana, with 1,000 bed capacity, was completed in May.

*Figures showing the status and magnitude of the Army construction programs are gathered from several sources and are not all prepared on a uniform basis. However, the summarizations made herein are indicative of the programs. In some cases, approved projects in preparatory stages are not included. The same is true regarding equipment for ordnance plants.

C. Air Corps Facilities

Including housing, the Air Corps facilities being constructed by the Corps of Engineers and the Construction Division of the Quartermaster Corps consist of 140 projects estimated to cost \$372,968,000. Construction was 50 percent complete on June 1.

Construction of Air Corps Stations, June 1, 1941

<u>Class of Project</u>	<u>Estimated Cost of Construction</u>	<u>Value of Construction in Place</u>	<u>Percent of Completion</u>
Pilot training schools	\$ 51,137,000	\$ 14,950,000	29
Technical schools	56,600,000	30,200,000	53
Tactical stations, including bases	215,131,000	122,072,000	57
Depots	<u>50,100,000</u>	<u>20,800,000</u>	<u>41</u>
Total	\$372,968,000	\$188,022,000	50
Status May 15	\$341,672,000	\$162,132,000	48

D. Plants and Storage Depots

The program of construction of plants and storage depots by the Army was 36 percent complete on June 14.

Construction of Plants and Storage Depots, June 14, 1941

<u>Class of Project</u>	<u>Number of Projects</u>	<u>Estimated Cost of Construction</u>	<u>Value of Construction in Place</u>	<u>Percent of Completion</u>
Ordnance plants*	32	\$484,441,000	\$215,896,000	45
Ordnance field service facilities	8	4,883,000	289,000	6
Chemical warfare plants	10	7,381,000	1,650,000	22
Bomber assembly plants	4	67,800,000	5,400,000	8
Ordnance storage depots	5	44,084,000	3,496,000	8
Other storage depots	<u>21</u>	<u>60,602,000</u>	<u>17,400,000</u>	<u>29</u>
Total	80	\$669,191,000	\$244,131,000	36
Status May 15	68	\$578,343,000	\$177,172,000	31

*Manufacturing equipment not included. See charts on status of ordnance plants at end of report.

Military Personnel

During May the active duty strength of the Army increased 62,512, bringing the total of 1,358,657 at the end of the month.

Active Duty Strength of the Army

	<u>Officers</u>	<u>Enlisted Men*</u>	<u>Total</u>
Regular Army	14,365	477,493	491,858
Reserves	51,884	12,225	64,109
National Guard	21,816	264,414	286,230
Selectees	—	516,460	516,460
Total June 1	88,065	1,270,592	1,358,657
Total May 1	82,594	1,213,551	1,296,145
Total June 30, '40	16,630	251,139	267,769

*Includes warrant officers and nurses.

Navy and Marine Corps Personnel

On May 31, the active duty strength of the Navy was 263,017, an increase of 111,665 over June 30, 1940. For the Marine Corps, the strength was 52,469 -- an addition of 24,189 since June 30.

	Active Duty Strength		<u>Increase</u>
	<u>May 31,</u> <u>1941</u>	<u>June 30,</u> <u>1940</u>	
<u>Navy</u>			
Commissioned and warrant officers	24,433	10,823	13,610
Enlisted men and others	<u>238,584</u>	<u>140,529</u>	<u>98,055</u>
Total Navy	263,017	151,352	111,665
<u>Marine Corps</u>			
Commissioned and warrant officers	3,169	1,801	1,368
Enlisted men and others	<u>49,300</u>	<u>26,479</u>	<u>22,821</u>
Total Marine Corps	52,469	28,280	24,189

VI. MARITIME COMMISSION

Ship Construction Program

The Maritime Commission is engaged in three major ship construction programs involving a total of 705 vessels, as follows:

	<u>Number of Vessels</u>
Long-range program	277
Emergency ship program	200
Defense Aid program	222
Army and Navy account	<u>6</u>
Total	705

A. Long-Range Program

A chart at the end of this report shows the status of construction of vessels in the long-range program. Six standard cargo vessels were delivered during May; one was acquired incomplete and turned over to the Navy.

B. Defense Aid and Emergency Ship Programs

It has been necessary, except in one instance, to build new shipyards prior to the construction of the vessels in these programs. The table on the following page indicates the status of shipyard construction as well as schedules for deliveries at each yard for both programs.

Maritime Commission
Emergency Ship and Defense Aid Programs

Shipyard Location	Percentage of Yard Completed 6-15-41	Vessels to be Built	Delivery Date (May 31 Schedule)	
			First Vessel	Last Vessel
<u>Emergency Ship Program</u>				
Mobile, Alabama	14	13	1-17-42	3-19-43
Baltimore, Md.	25	50	12- 3-41	3-15-43
Wilmington, Calif.	65	31	2- 1-42	3-19-43
New Orleans, La.	20	25	4-13-42	5-28-43
Houston, Texas	23	25	2- 1-42	3-19-43
Wilmington, N. C.	63	25	12-30-41	3-19-43
Portland, Oregon	70	<u>31</u>	1-31-42	12-27-42
Sub-total		200		
<u>Defense Aid Program</u>				
Baltimore, Maryland	24	12	4-22-42	4- 5-43
Wilmington, Calif.	17	24	4- 6-42	3- 9-43
Houston, Texas	6	12	4- 2-42	3- 1-43
Pascagoula, Miss.	Built	6	8-15-43	12-15-43
Oakland, Calif.	4	12	6-15-42	5-15-44
Wilmington, N. C.	35	12	4- 2-42	3- 1-43
Portland, Oregon	63	12	4- 2-42	3- 1-43
Beaumont, Texas	8	10	8-15-42	5-15-43
Richmond, Calif.	18	24	3-15-42	3-14-43
Chester, Pa.	12	82	2-21-42	12-24-43
South Portland, Maine	6	<u>16</u>	3- 1-42	3-15-43
Sub-total		<u>222</u>		
Grand total		422		

VII. PRIORITIES AND PRICE CONTROL

Priorities

During the month ending June 15, the following materials were placed under mandatory, industry-wide control: borax and boric acid, cork, copper, polyvinyl chloride, zinc, synthetic rubber, and high-speed steel. Other materials previously placed under such control are: aluminum, magnesium, neoprene, tungsten, nickel-steel, nickel, and machine tools. Several previous orders were extended over a longer period of time or were otherwise revised. One of these revisions brought aluminum scrap under the control previously established for aluminum. During the month, limited blanket ratings were assigned to a number of builders of cranes and merchant ships and manufacturers of "off-the-shelf" defense supplies to facilitate their procurement of necessary materials.

On June 7, the Office of Production Management instituted the practice of allocating steel orders for defense among mills in such a way as to assure earliest possible delivery. Steel companies were advised to curtail production of sheet and strip steel for non-defense purposes and produce more plates for defense.

A revised priorities critical list was issued on June 10 which comprises over 300 materials and classes of materials, including 40 new items.

Price Control and Civilian Allocation

During the month ending June 15, the Office of Price Administration and Civilian Supply took the following actions:

1. Adopted civilian allocation plans for copper, cork, iron and steel products, freight car material and equipment, and borax and boric acid.
2. Requested that there be no price increases on bread, coffee, ammonium sulfate, kraft paper, plywood, paper board, automobiles, gasoline, and other petroleum products.
3. Conferred with committees appointed by the presidents of four commodity exchanges regarding measures to prevent undesirable speculative activity in cocoa, rubber, pepper, and coffee.
4. Imposed a price ceiling on combed cotton yarn considerably below current market prices; also ceilings on scrap and secondary nickel and hides, kips, and calfskins.
5. Revised the price schedule on aluminum scrap and secondary aluminum ingot.

In addition to those mentioned above, the price ceilings on second-hand machine tools, scrap and secondary zinc, scrap iron and steel, and steel were still in effect on June 15.

VIII. STRATEGIC AND CRITICAL MATERIALS

Strategic Materials

During the month ending June 15, industrial diamonds were added to the list of strategic materials and 768,165 were purchased for the Government's stockpile. The status of the total stockpile (all strategic materials) is as follows:

	<u>Percentage of Value of Recommended Stockpile</u>	
	<u>Purchased*</u>	<u>Delivered</u>
May 17	68	32
June 14	65	33
Change	- 3	+ 1

*Includes purchases of certain items in excess of the recommended stockpile.

The Office of Production Management made substantial increases in the recommended stockpiles for four items, between May 17 and June 14, which influenced the percentage change during the period.

<u>Commodity</u>	<u>Unit</u>	<u>Recommended Stockpile</u>	
		<u>May 17</u>	<u>June 14</u>
Chrome ore	Long tons	870,000	1,300,000
Mica	Pounds	7,000,000	10,800,000
Mercury	Flasks	10,000	35,000
Quartz crystal	Pounds	106,900	702,000

The status of certain selected items in the stockpile program is as follows:

<u>Strategic Material</u>	<u>Unit</u>	<u>Recom- mended Stockpile</u>	<u>Purchased</u>		<u>Delivered</u>	
			<u>During Month</u>	<u>To Date</u>	<u>During Month</u>	<u>To Date</u>
Chromium	1,000 tons	1,300	-9*	647	19	162
Manganese	1,000 long tons	1,800	385	3,184	16	326
Mica	1,000 pounds	10,800	-774*	5,522	1,215	2,288
Rubber	1,000 long tons	388	7	247	13	196
Tin	1,000 long tons	159	—	100	4	42
Tungsten	1,000 tons	13	17	66	—	6#

*RFC contracts canceled.

#RFC has disposed of about 1,000 tons of this tungsten.

Critical Materials

RFC commitments to purchase critical materials increased from \$167,000,000 on April 26 to \$267,000,000 on May 31. Most of this increase was due to the addition of aluminum and leather to the purchasing program.

On May 31, the status of the RFC procurement program for selected critical materials was:

<u>Critical Material</u>	<u>Unit</u>	<u>Program</u>	<u>Purchased</u>		<u>Delivered</u>	
			<u>In May</u>	<u>To Date</u>	<u>In May</u>	<u>To Date</u>
Aluminum	1,000 metric tons	170	170	170	—	—
Copper	1,000 tons	500	2	305	27	133*
Nitrate	1,000 tons	300	—	300	62	112#
Zinc	1,000 tons	86	36	86	—	—
Zinc concentrates	1,000 long tons	100	100	100	—	—
South American wool	1,000 bales	7	7	7	7	7
Diamond dies	1,000 dies	6	—	6	—	4*

#Includes 100,000 tons stored in Chile.

*RFC has disposed of 111,000 tons of copper and 1,003 diamond dies, here shown as delivered.

In addition, 49,346 of the 840,000 bales of Australian wool to be stored in this country were delivered during May, bringing total deliveries to 220,105 bales.

IX. DEFENSE HOUSING

The following table shows the progress of the Defense Housing Program from May 17 to June 14:

	<u>May 17</u>	<u>June 14</u>
Total number of dwelling units of all types:		
Allotted	96,286	106,053
Under contract	68,866	76,700
Completed	10,712	17,176

To date, a total of \$592,500,000 has been made available for defense housing under the following acts:

<u>Date</u>	<u>Appropriation Acts</u>	<u>Amounts Made Available</u>
June 28, 1940	(1)	\$ 32,330,987
Sept. 9, 1940	Public 781	100,000,000
Oct. 14, 1940	Public 106	140,000,000
Oct. 18, 1940	(2)	50,000,000
Feb. 28, 1941	Public 9	5,000,000
Mar. 28, 1941	(3)	100,000,000
May 9, 1941	(1)	200,000
May 24, 1941	Public 73	<u>165,000,000</u>
Total		<u>\$592,530,987</u>

- (1) No direct appropriation — transfer of funds from other appropriations.
- (2) \$10,000,000 of this amount was transferred from another appropriation, which was reimbursed from a subsequent appropriation. The remaining \$40,000,000 was made available from RFC Mortgage Company funds.
- (3) \$10,000,000 of this amount was made available by RFC under Title VI of the National Housing Act. The remaining \$90,000,000 is private money made available through FHA insured mortgages.

X. EMPLOYMENT AND LABOR DISPUTES

Employment

According to the Bureau of Labor Statistics, total civil non-agricultural employment expanded sharply in May to reach a new all-time peak of 38,278,000. This represents a gain of 600,000 workers over April and an increase of 3,115,000 since May 1940. The number of factory workers again increased contra-seasonally by 162,000.

	<u>May 1941</u>	<u>Change from</u>	
		<u>May 1940</u>	<u>April 1941</u>
Nonagricultural employment	38,278,000	3,115,000	602,000
Manufacturing employees	11,532,000	1,756,000	162,000
Federal Government, executive service	1,308,000	328,000	57,000
WPA employment	1,447,000	-391,000	-119,000

Vocational Training

As of June 1, preliminary figures of the Office of Education showed the status of the vocational training program, as follows:

	<u>Preemployment- Refresher Courses</u>	<u>Supplementary Courses</u>
Number receiving training July 1, 1940 to June 1, 1941	335,381	371,274
Number concluding training by June 1	264,509	236,022
Net enrollment on May 31, 1941	70,872	135,252

Industrial Disputes

Preliminary estimates of the Bureau of Labor Statistics indicate that the number of new strikes in April was about one-fifth greater than in March. More than four times as many workers were involved in these strikes, and there was more than five times as much idleness as in March. Excluding the coal dispute, the number of workers involved in April strikes was nearly 50 percent greater than in March and the amount of idleness was about 30 percent greater. The comparative data are as follows:

	<u>April 1941*</u>	<u>March 1941*</u>	<u>Average for 5-Year Period</u>
Number of strikes beginning in month	400	330	292
Number of workers involved in new strikes	500,000	113,000	165,928
Number of man-days idle during all strikes in progress during month	7,800,000	1,400,000	2,199,274

*Preliminary estimate

Thirty-nine cases were referred to the National Defense Mediation Board between March 27 and June 10. Of these, one was rejected as being outside the Board's jurisdiction, one resulted in agreement prior to the scheduled hearing, 33 resulted in a return to work as a result of agreements or the postponement of threatened strikes, one resulted in public recommendations by the Board, and three were either pending or awaiting hearings.

XI. PROGRESS CHARTS

Monthly Cash Disbursements -- War and Navy Departments

Monthly Airplane Deliveries

Army, Navy and Marine Corps Aeronautical Personnel

Status of Major Army Ordnance Plant Expansion Projects

Army Active Duty Personnel

Navy and Marine Corps Active Duty Personnel

Construction Status of Battleships, Aircraft Carriers, Large
Heavy Cruisers

Construction Status of Light Cruisers

Percent of Completion of Destroyers and Submarines

Deliveries of Destroyers and Submarines

Regular Ship Construction Program -- U. S. Maritime Commission

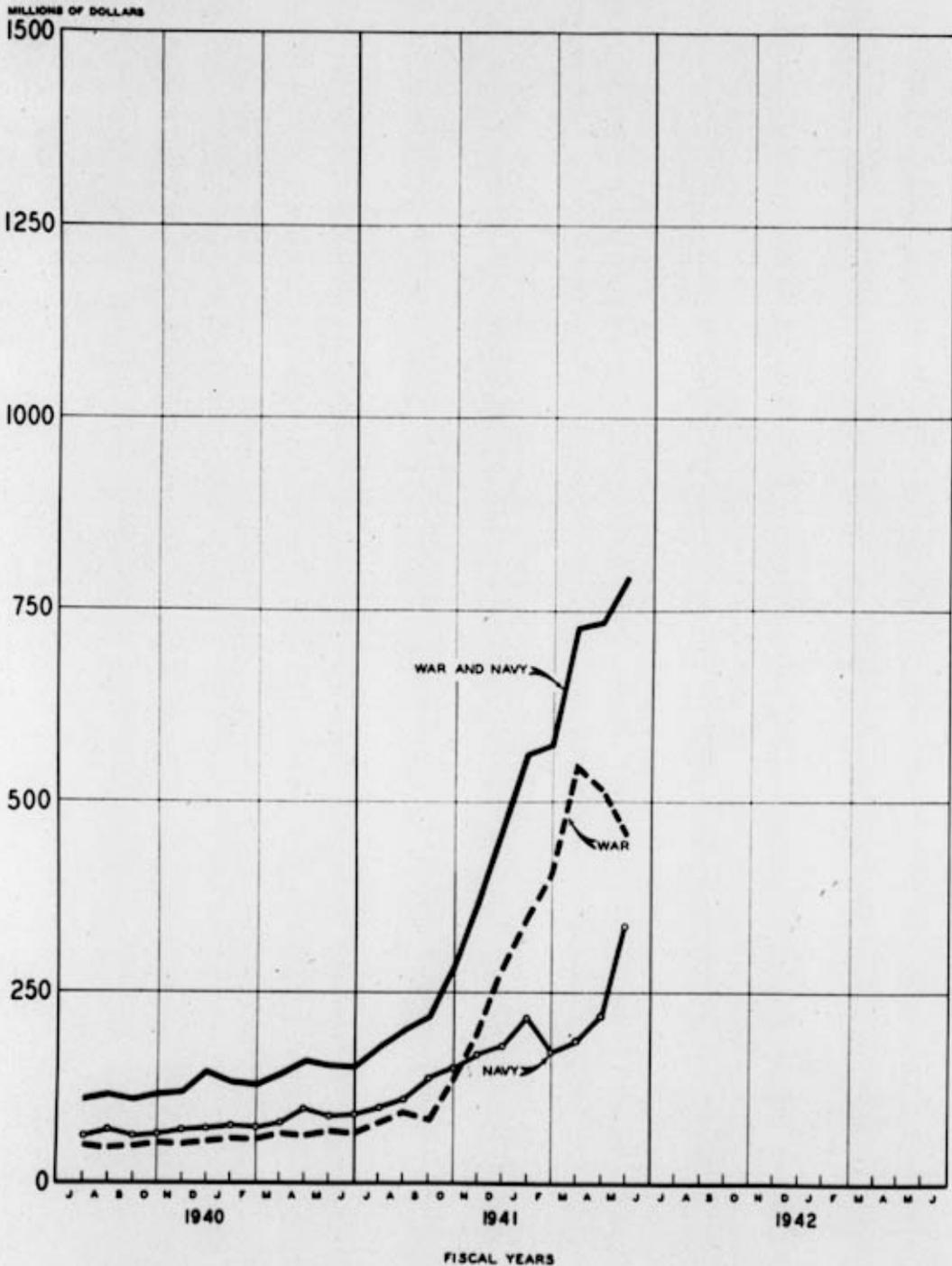
Strategic Materials Stockpile Program

Defense Housing Program

Army Construction in British Possessions

MONTHLY CASH DISBURSEMENTS

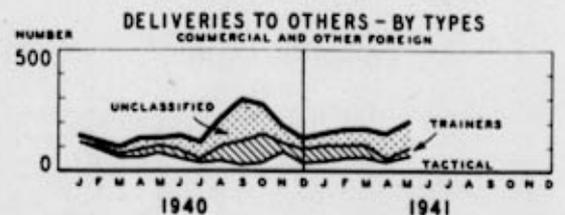
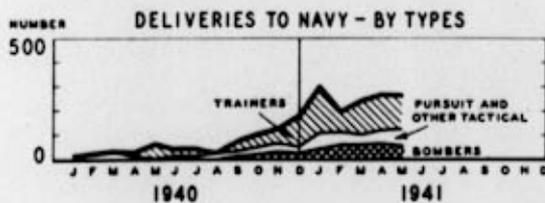
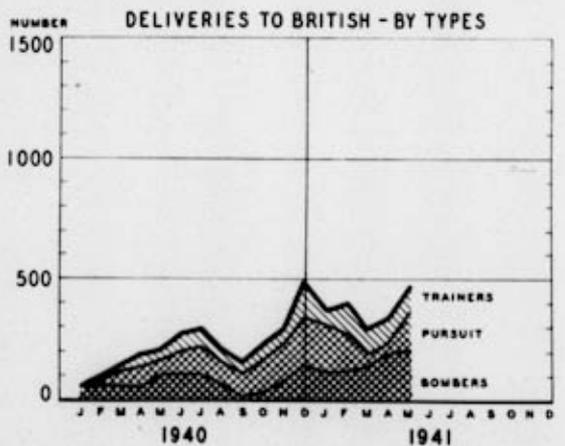
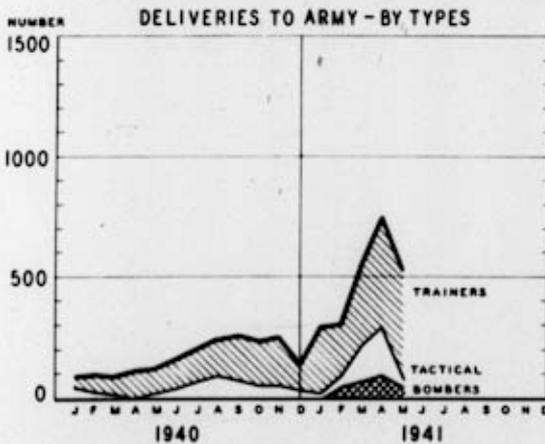
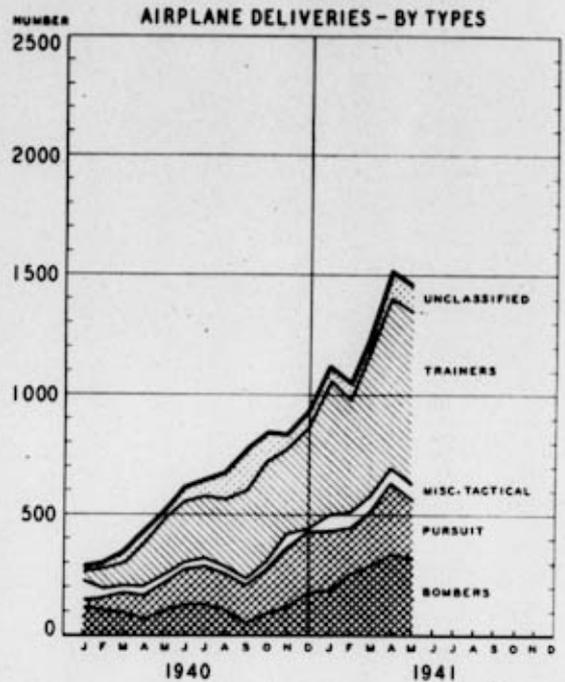
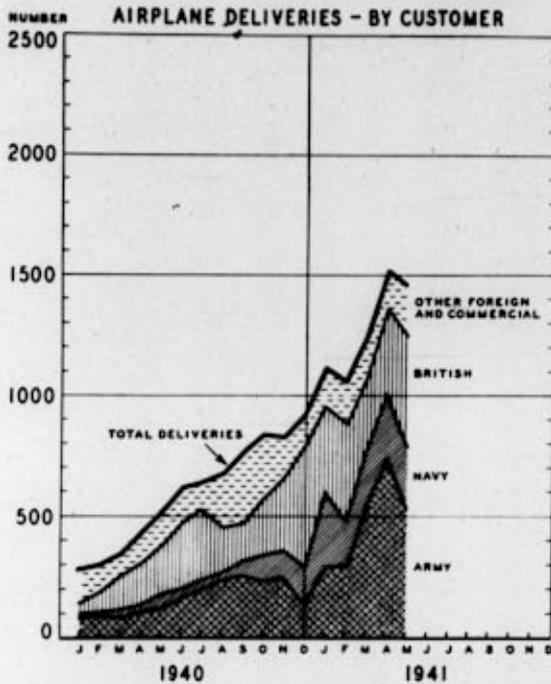
WAR AND NAVY DEPARTMENTS



NOTE: ONLY DISBURSEMENT FOR MILITARY ACTIVITIES INCLUDED FOR THE WAR DEPARTMENT

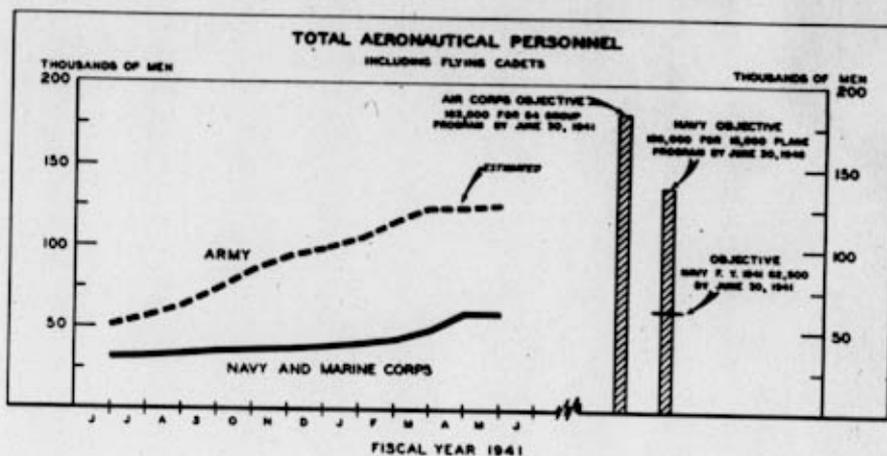
SOURCE: DAILY TREASURY STATEMENTS

MONTHLY AIRPLANE DELIVERIES BY PRINCIPAL MILITARY AIRPLANE MANUFACTURERS

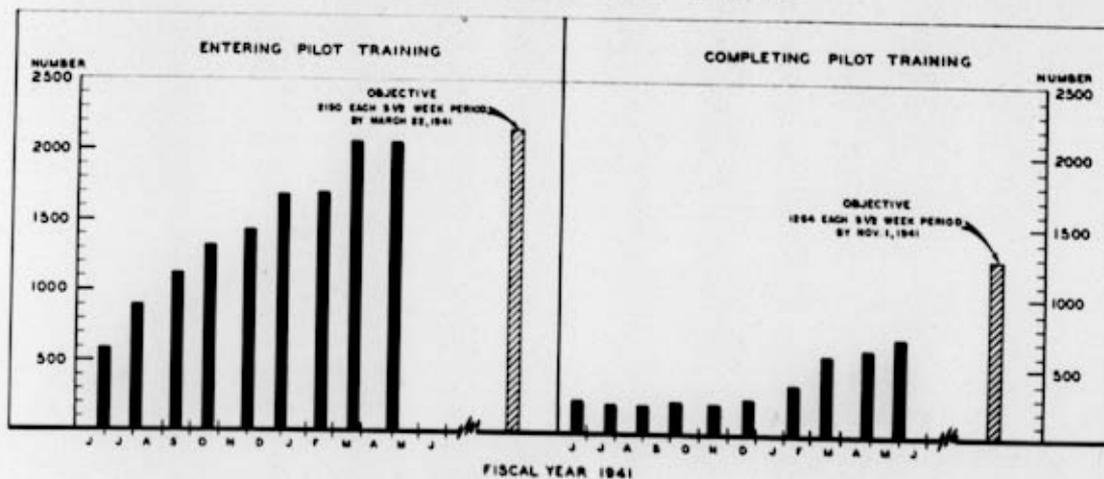


NOTE: PLANE DELIVERIES BY MAKER OF COMMERCIAL PLANES ONLY, NOT INCLUDED

ARMY, NAVY AND MARINE CORPS AERONAUTICAL PERSONNEL

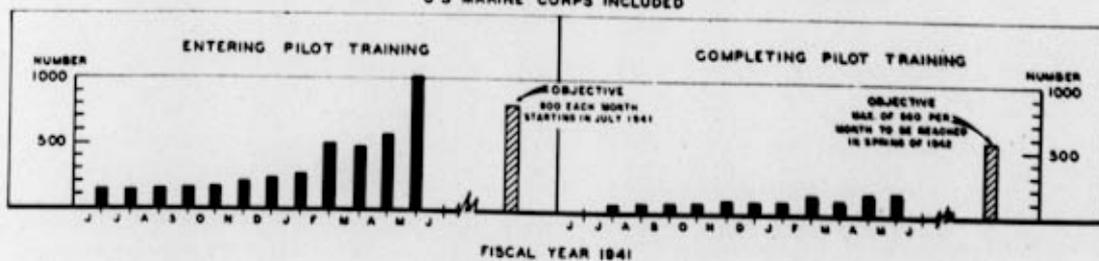


U S ARMY AIR CORPS PILOT TRAINING



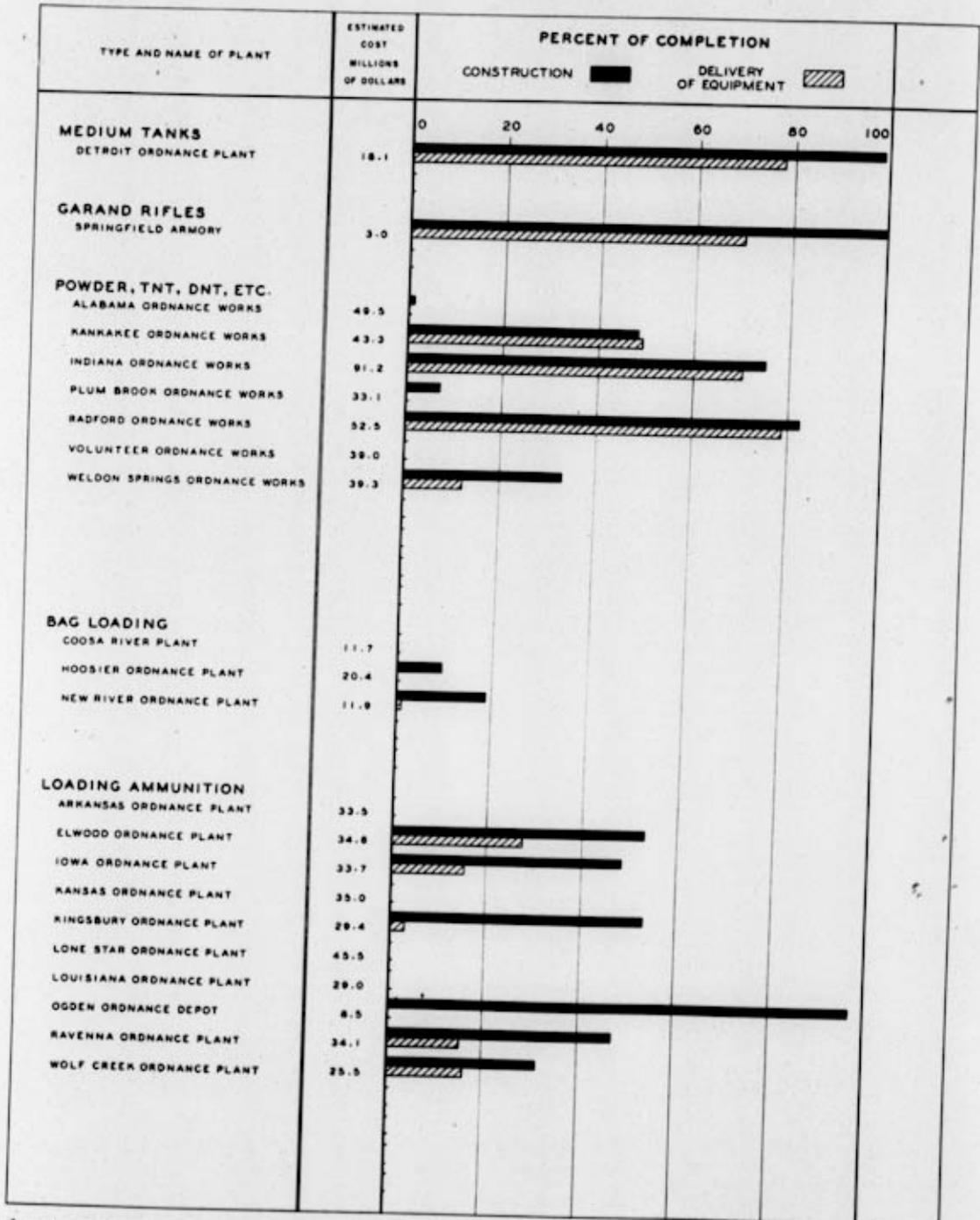
U S NAVY - BUREAU OF AERONAUTICS PILOT TRAINING

U S MARINE CORPS INCLUDED



STATUS OF MAJOR ARMY ORDNANCE PLANT EXPANSION PROJECTS*

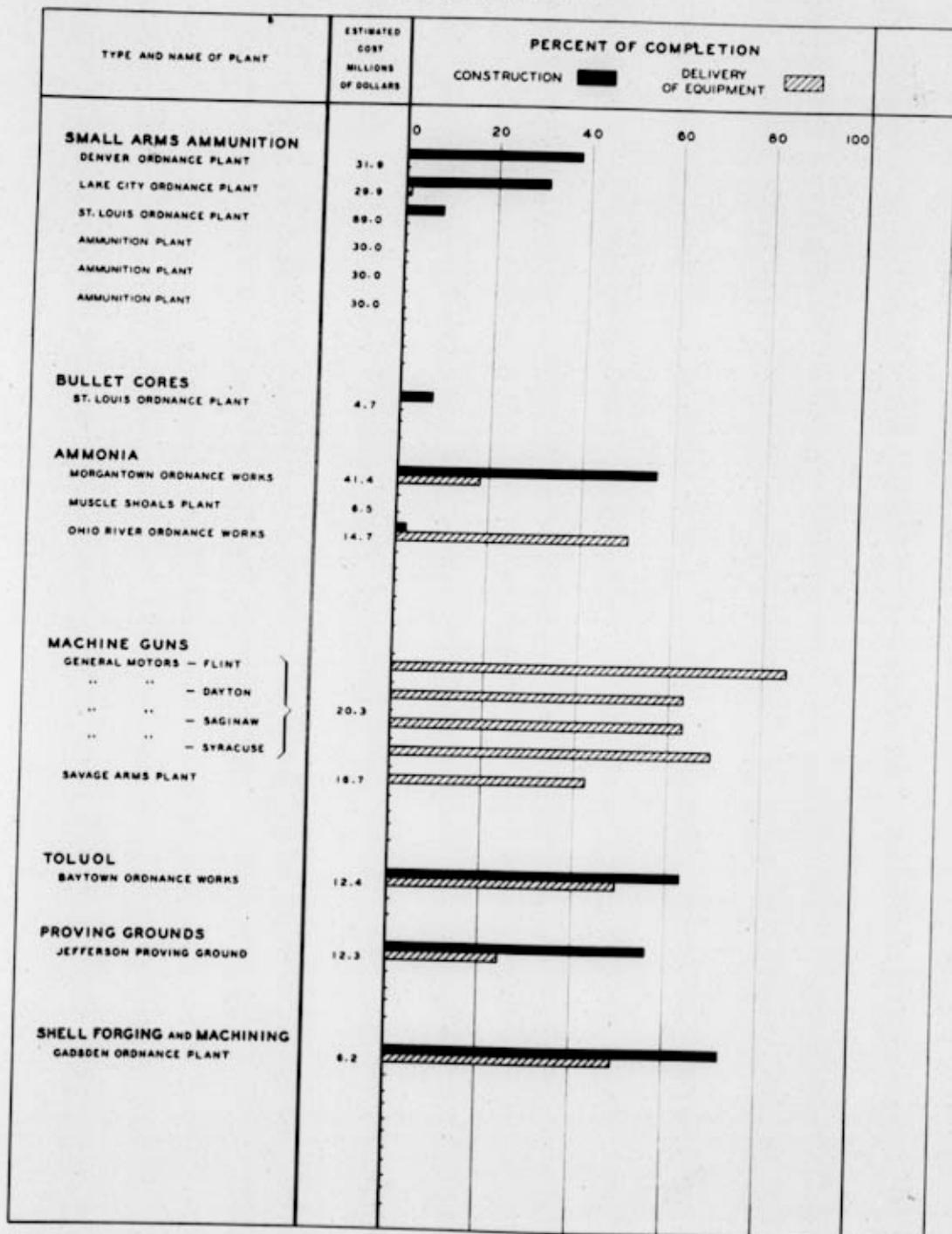
AS OF JUNE 14, 1941



*THIS CHART IS DESIGNED TO REFLECT THE GENERAL STATUS OF THE PROGRAM
IT IS BASED ON DATA FROM THE OFFICE OF THE UNDER SECRETARY OF WAR AND
MAY NOT AGREE IN DETAIL WITH OTHER REPORTS AS CHANGES ARE BEING CONSTANTLY
MADE - THEREFORE IT IS SUBJECT TO CORRECTION.

STATUS OF MAJOR ARMY ORDNANCE PLANT EXPANSION PROJECTS*

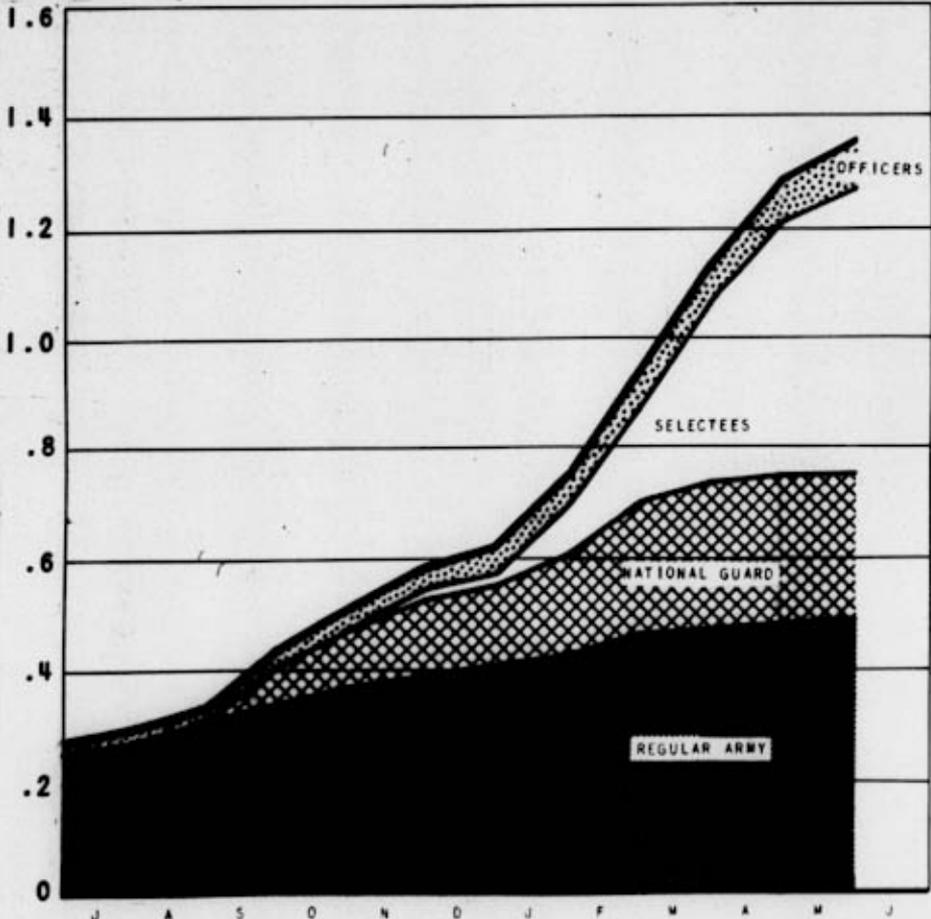
AS OF JUNE 14, 1941



*THIS CHART IS DESIGNED TO REFLECT THE GENERAL STATUS OF THE PROGRAM. IT IS BASED ON DATA FROM THE OFFICE OF THE UNDER SECRETARY OF WAR AND MAY NOT AGREE IN DETAIL WITH OTHER REPORTS AS CHANGES ARE BEING CONSTANTLY MADE - THEREFORE IT IS SUBJECT TO CORRECTION.

ARMY ACTIVE DUTY PERSONNEL

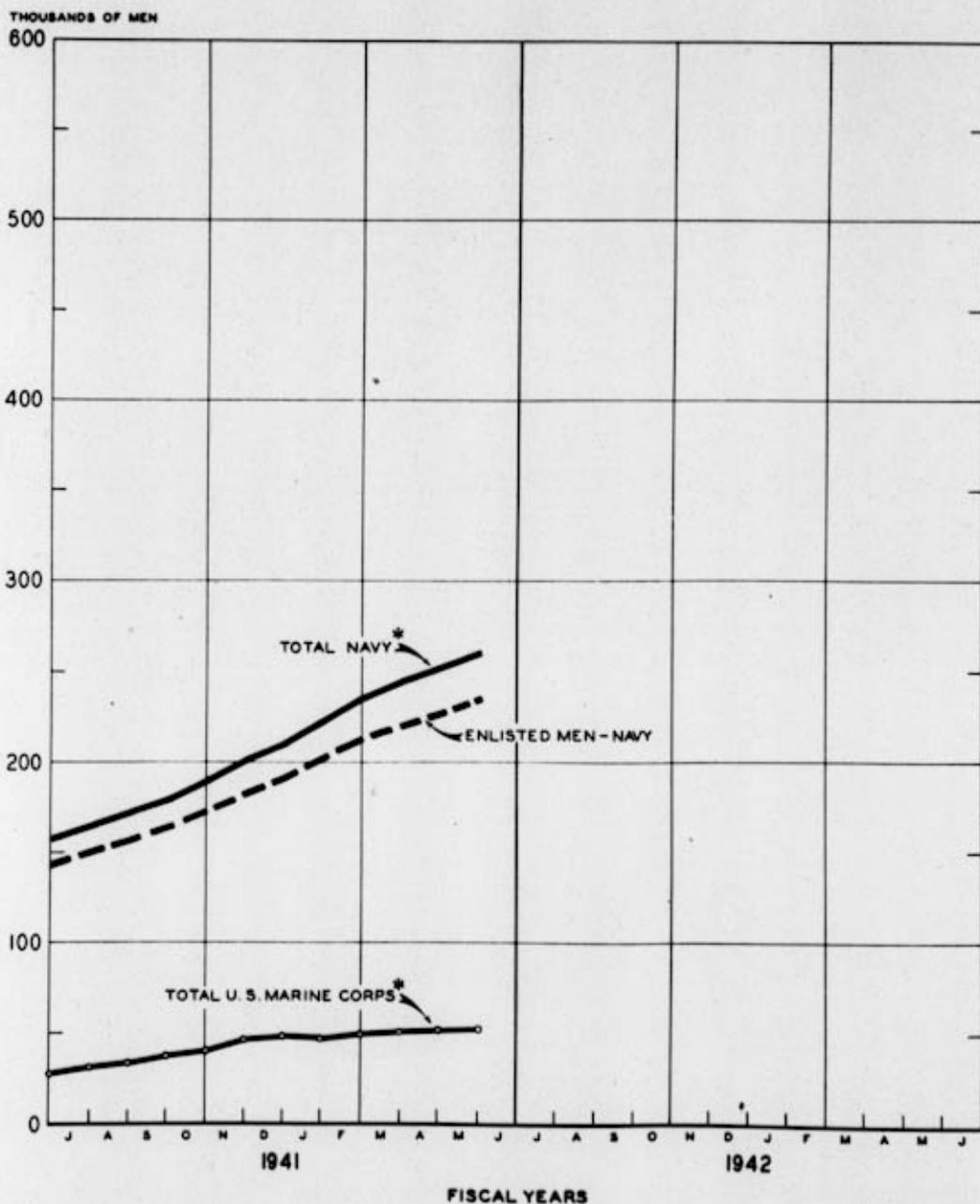
MILLIONS OF MEN



1941

FISCAL YEAR

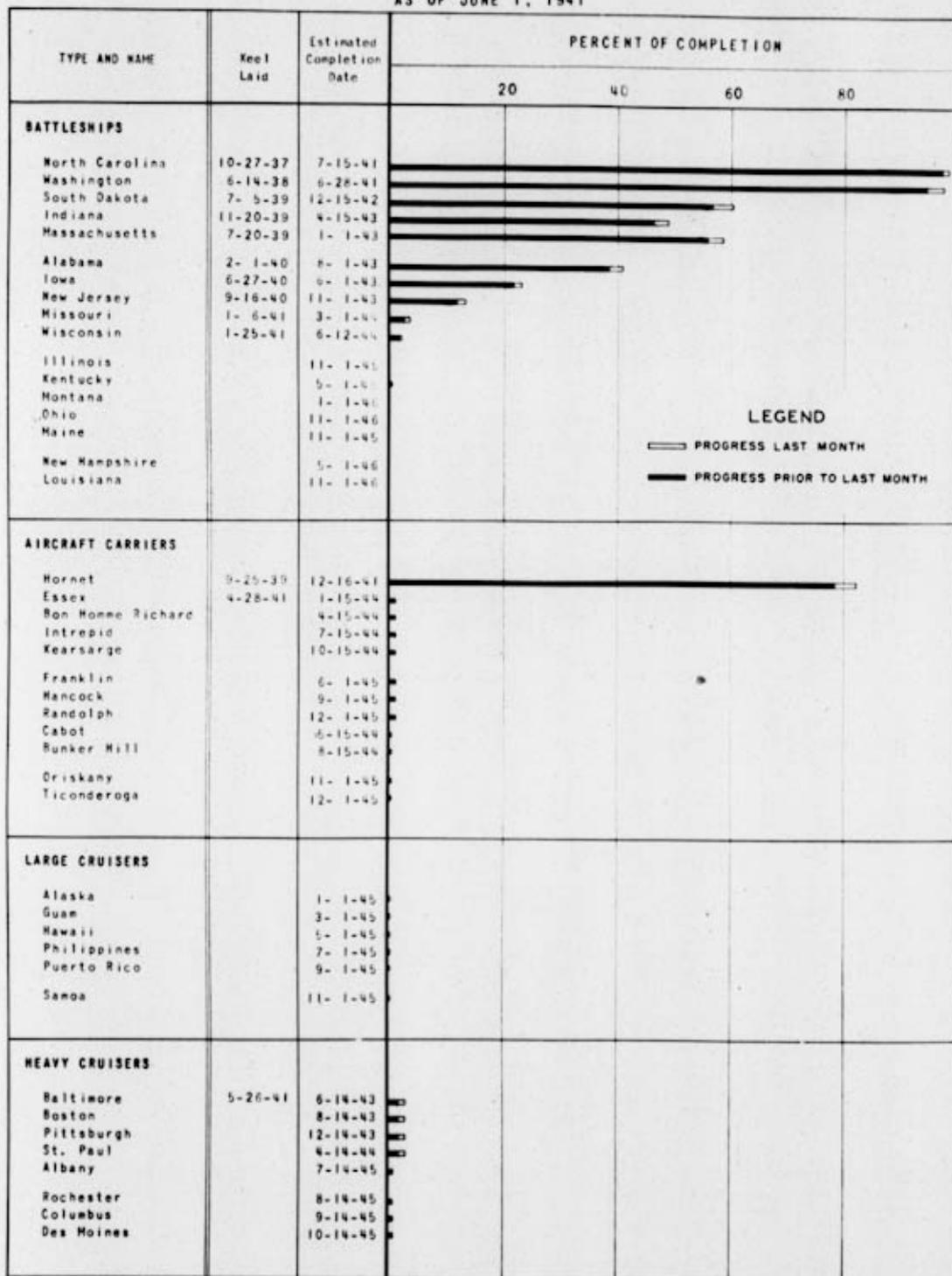
NAVY AND MARINE CORPS ACTIVE DUTY PERSONNEL



* INCLUDES COMMISSIONED OFFICERS, WARRANT OFFICERS, AVIATION CADETS, ENLISTED MEN AND NURSES ON ACTIVE DUTY IN REGULAR AND RESERVE UNITS.

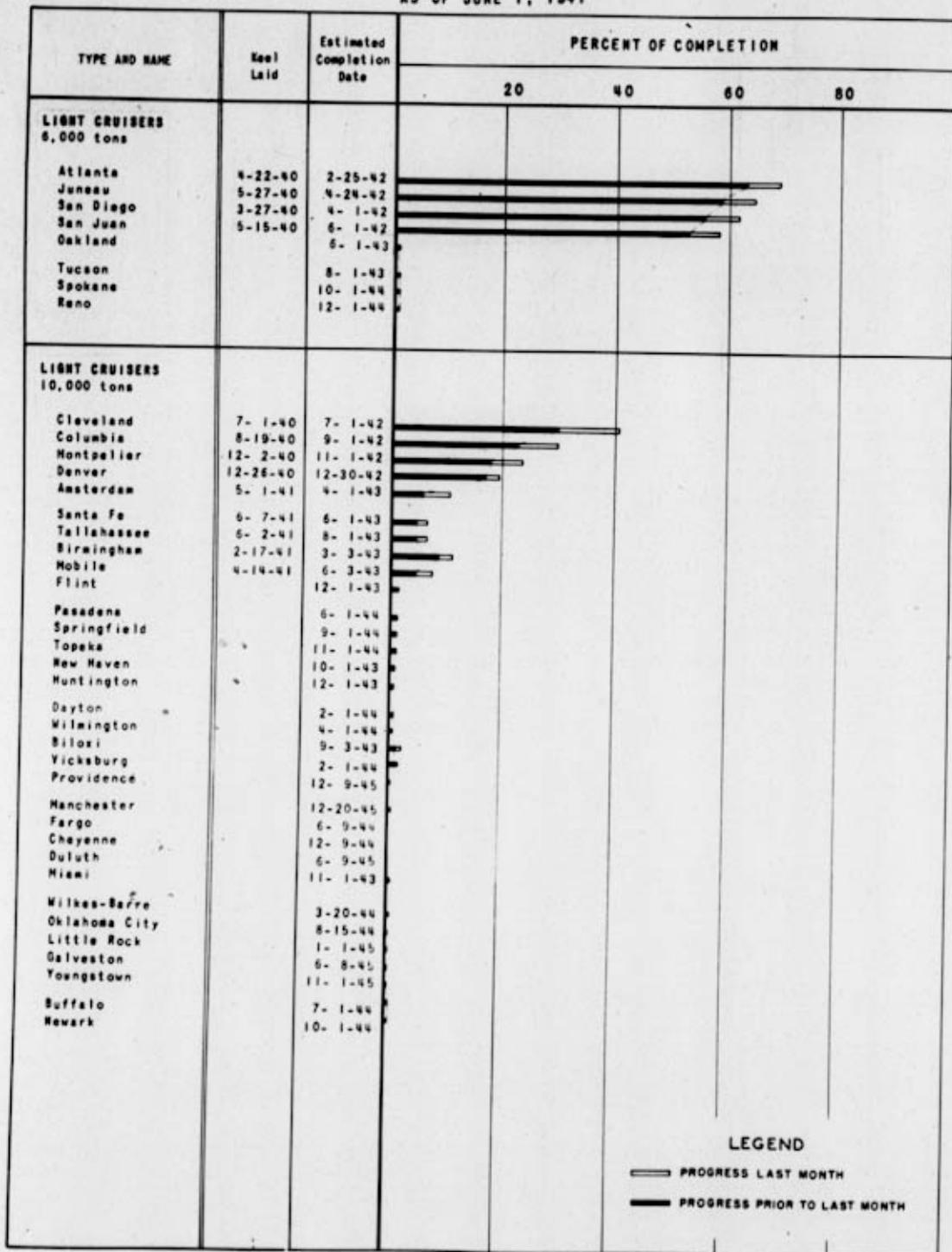
CONSTRUCTION STATUS OF BATTLESHIPS, AIRCRAFT CARRIERS, LARGE AND HEAVY CRUISERS

AS OF JUNE 1, 1941



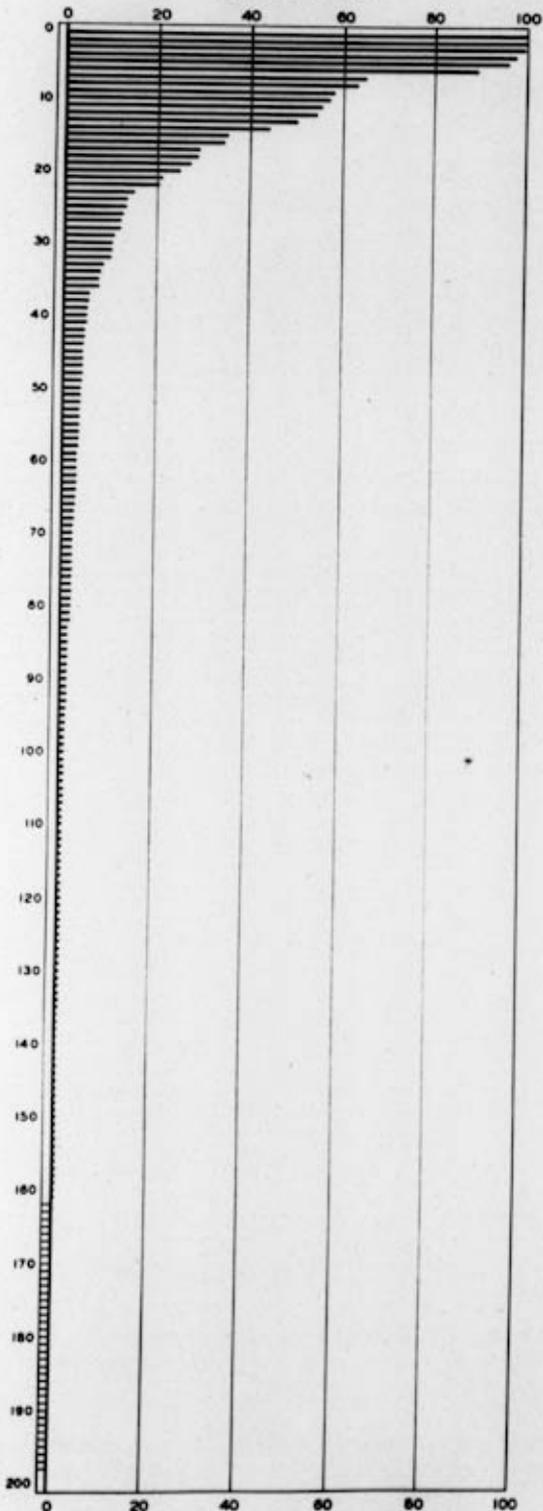
CONSTRUCTION STATUS OF LIGHT CRUISERS

AS OF JUNE 1, 1941

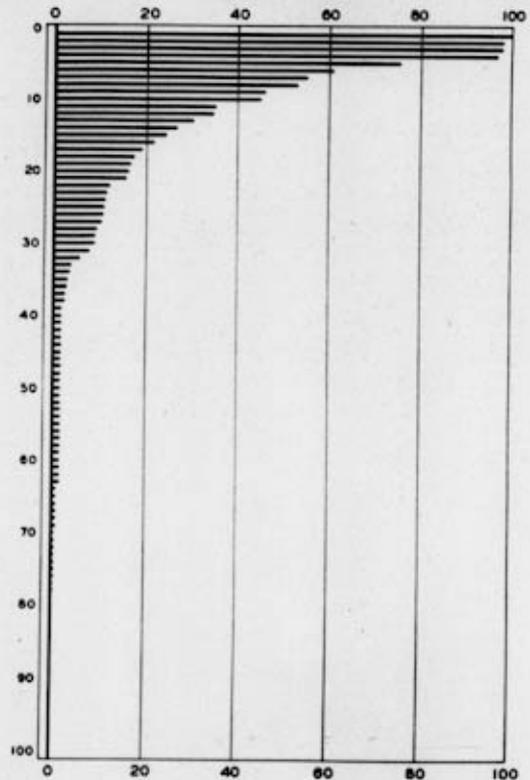


**PERCENT OF COMPLETION OF DESTROYERS AND SUBMARINES
UNDER CONSTRUCTION MAY 1, 1941 AND AFTER
AS OF JUNE 1, 1941**

DESTROYERS



SUBMARINES

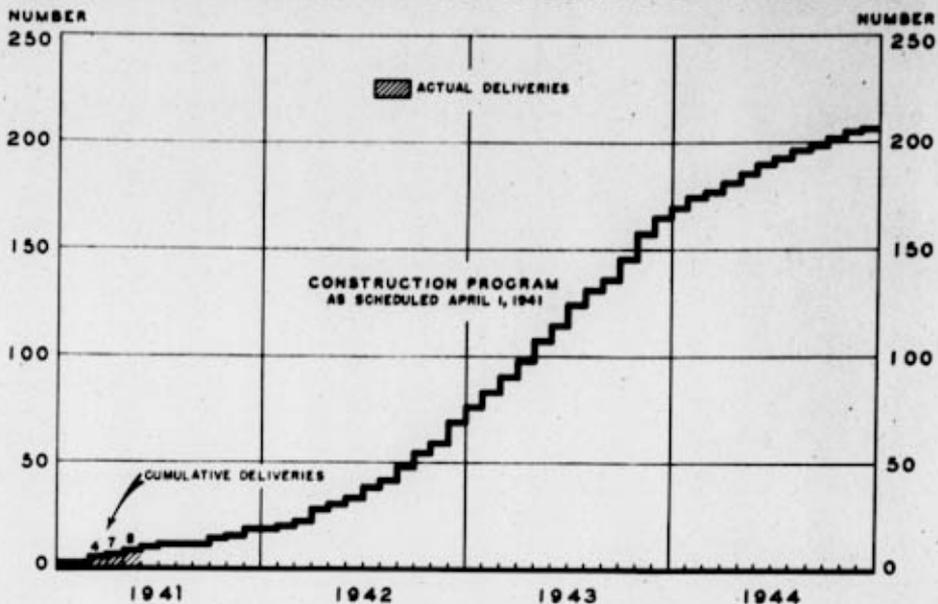


LEGEND

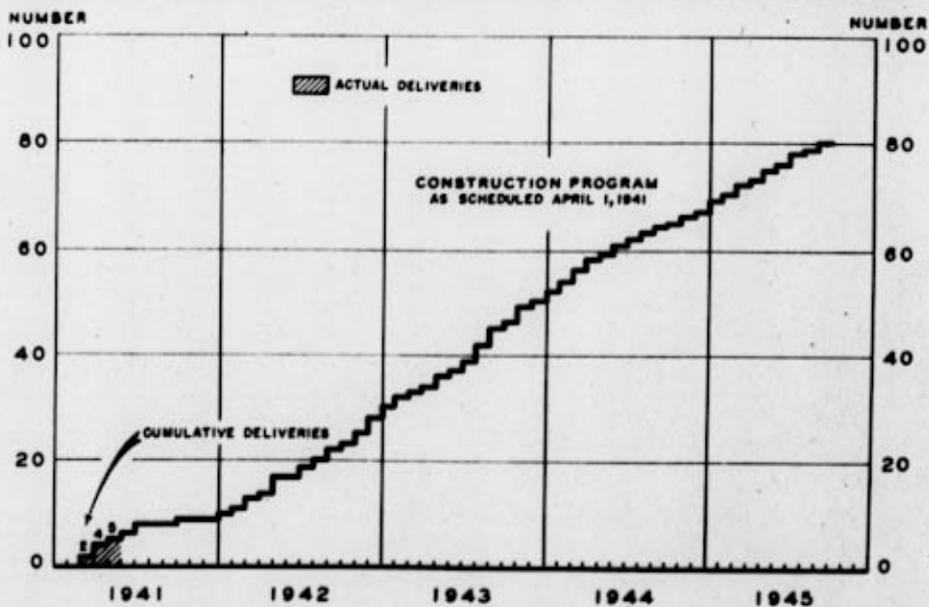

 } VESSELS CONTRACTED FOR
 BUT NO PROGRESS
 REPORTED

DELIVERIES OF DESTROYERS AND SUBMARINES

CUMULATIVE SCHEDULED AND ACTUAL DELIVERIES OF DESTROYERS



CUMULATIVE SCHEDULED AND ACTUAL DELIVERIES OF SUBMARINES



CALENDAR YEARS

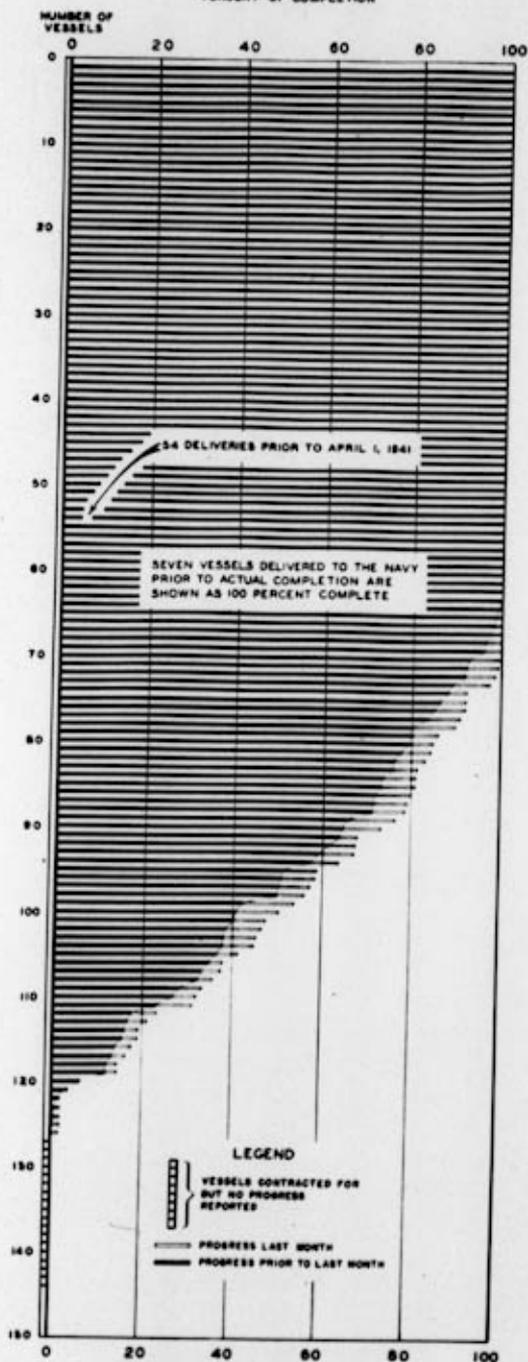
U S MARITIME COMMISSION

REGULAR SHIP CONSTRUCTION PROGRAM

AS OF JUNE 1, 1941

CARGO SHIPS

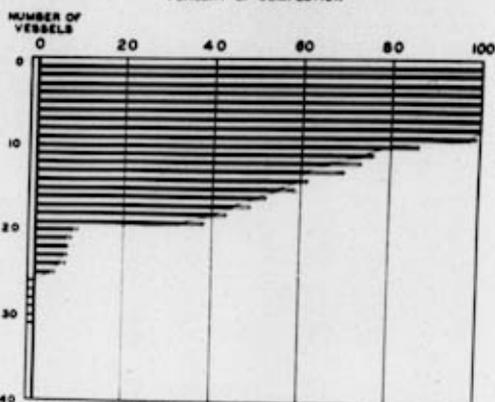
PERCENT OF COMPLETION



85 RECENTLY AUTHORIZED CARGO VESSELS, ON WHICH NO PROGRESS HAS YET BEEN REPORTED, ARE NOT INCLUDED IN THIS CHART

PASSENGER AND CARGO SHIPS*

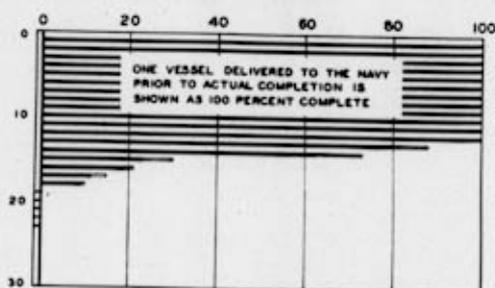
PERCENT OF COMPLETION



*INCLUDES 4 TRANSPORTS AND 2 TENDERS BEING BUILT FOR THE ACCOUNTS OF THE ARMY AND NAVY, AND 1 PASSENGER SHIP

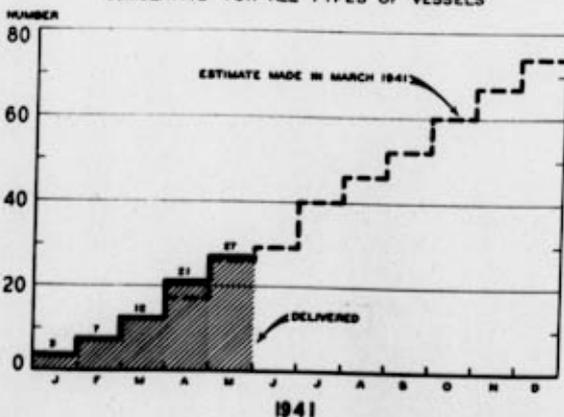
TANKERS

PERCENT OF COMPLETION



ACTUAL AND SCHEDULED DELIVERIES FOR 1941

CUMULATIVE FOR ALL TYPES OF VESSELS

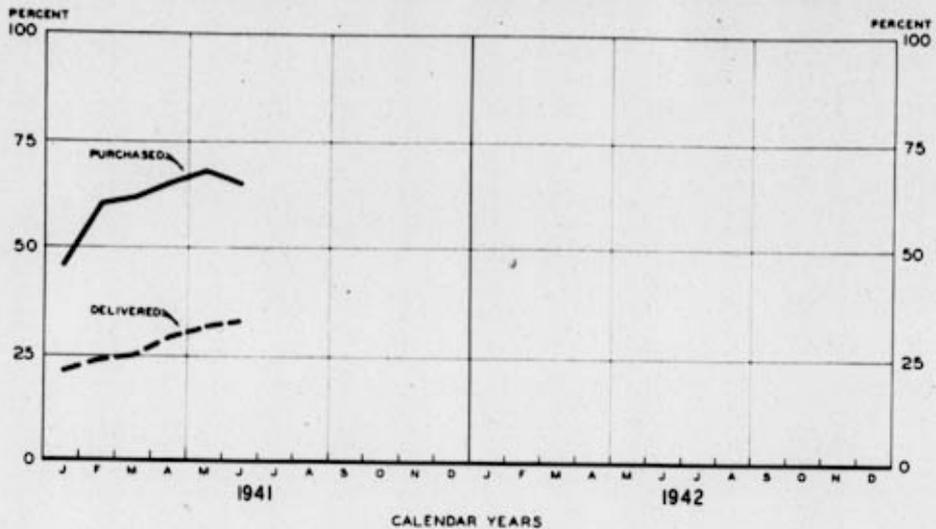


STRATEGIC MATERIALS STOCKPILE PROGRAM*

AS OF JUNE 14, 1941

PERCENT OF PROGRAM PURCHASED AND DELIVERED

(BASED ON ESTIMATED COST OF STOCKPILE PROGRAM, EXCLUSIVE OF EXCESS PURCHASES)



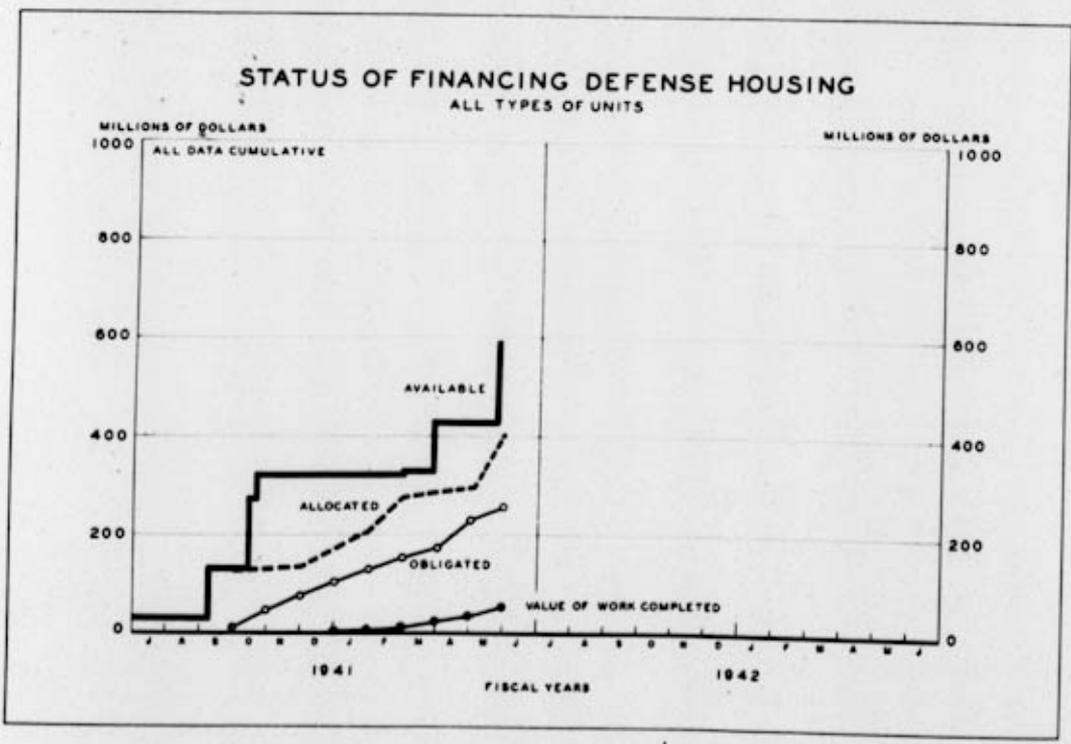
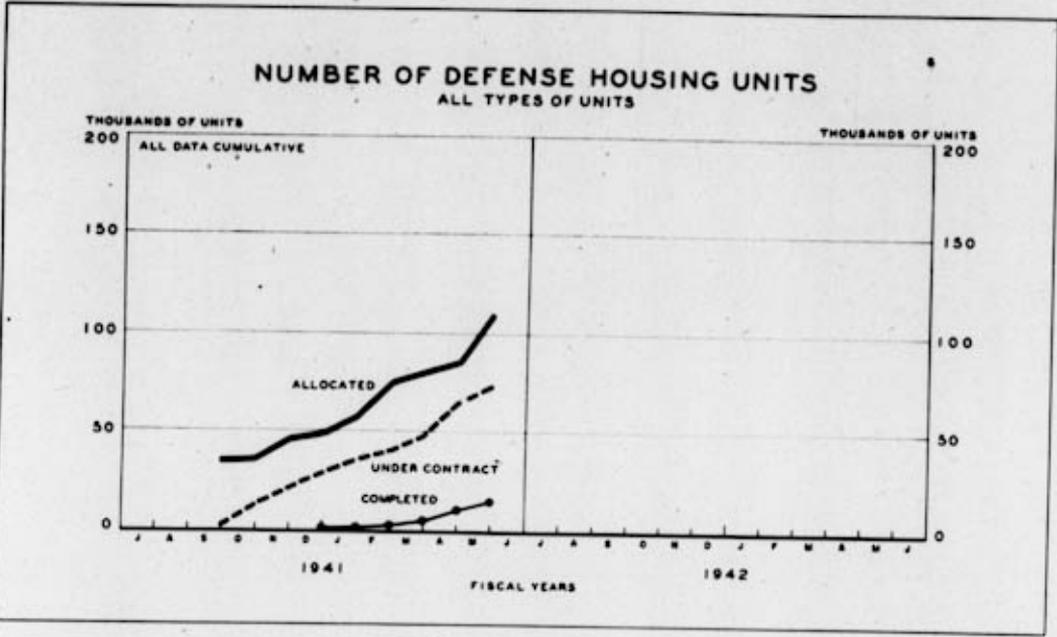
STATUS OF PURCHASE AND DELIVERY OF STOCKPILE MATERIALS

(PERCENTAGES BASED ON QUANTITIES IN RECOMMENDED STOCKPILE PROGRAM)

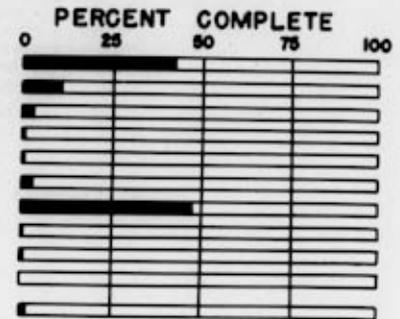
STRATEGIC MATERIAL	RECOMMENDED STOCKPILE	PERCENT DELIVERED		PERCENT PURCHASED			
		0	20	40	60	80	100
ANTIMONY	18,000 S.T.			40	100	100	100
CHROME ORE	1,300,000 L.T.			15	50	50	50
DIAMONDS	950,000 CARATS				80	80	80
MANGANESE	1,800,000 L.T.			20	100	100	100
MANILA FIBER	395,257 BALES			15	20	20	20
MERCURY	35,000 FLASKS			10	15	15	15
MICA	10,800,000 LBS.			20	50	50	50
QUARTZ CRYSTALS	702,000 LBS.			10	15	15	15
QUININE SULPHATE	6,400,000 AV. OZ.			100	100	100	100
RUBBER	368,363 L.T.			50	70	70	70
TIN	159,400 L.T.			25	65	65	65
TUNGSTEN	13,000 S.T.			45	100	100	100

* BASED ON RECOMMENDATIONS OF THE ARMY AND NAVY MUNITIONS BOARD, THE ADVISORY COMMISSION TO THE COUNCIL OF NATIONAL DEFENSE AND THE OFFICE OF PRODUCTION MANAGEMENT

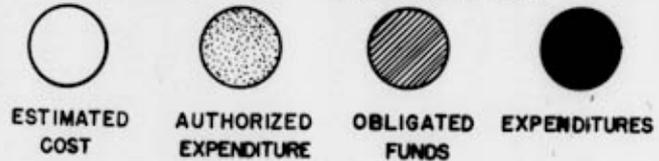
DEFENSE HOUSING PROGRAM



PROGRESS OF BASE CONSTRUCTION

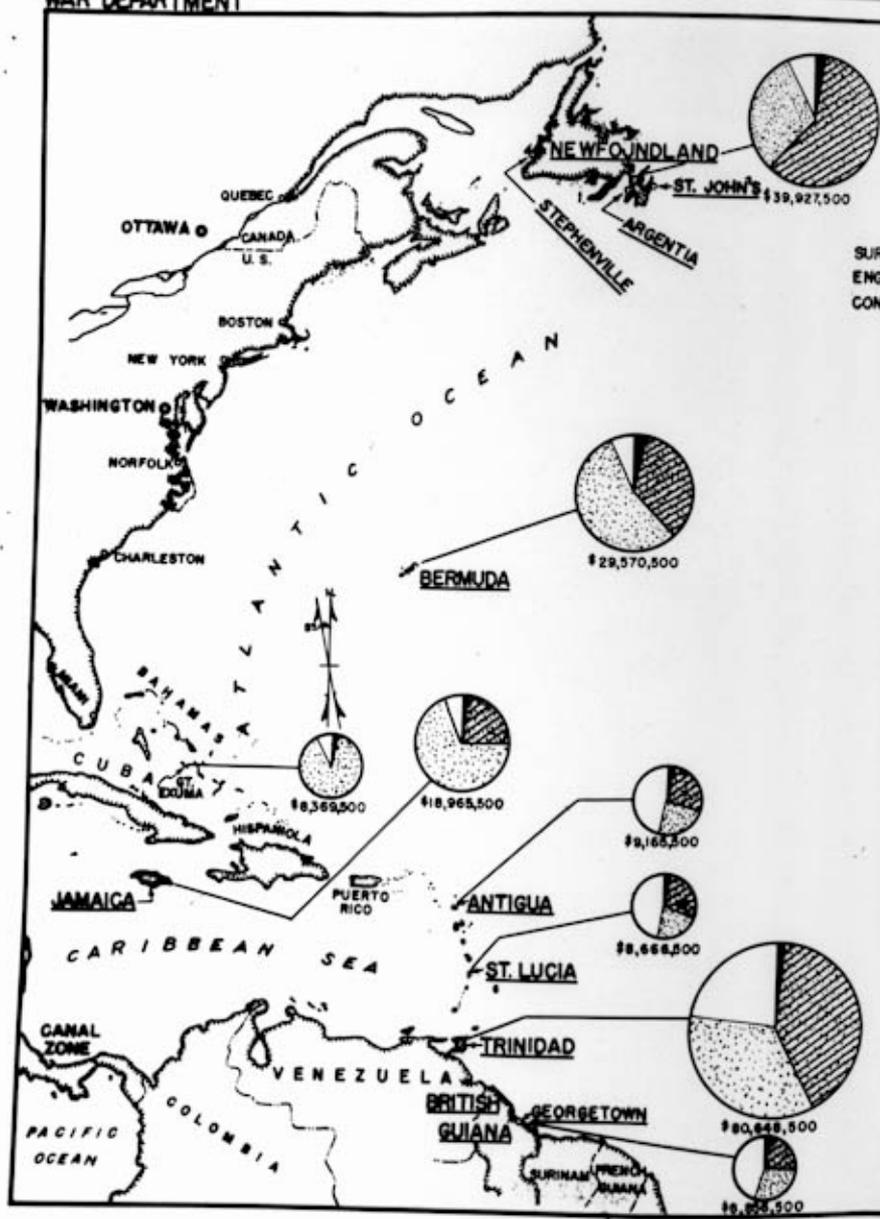


STATUS OF CONSTRUCTION

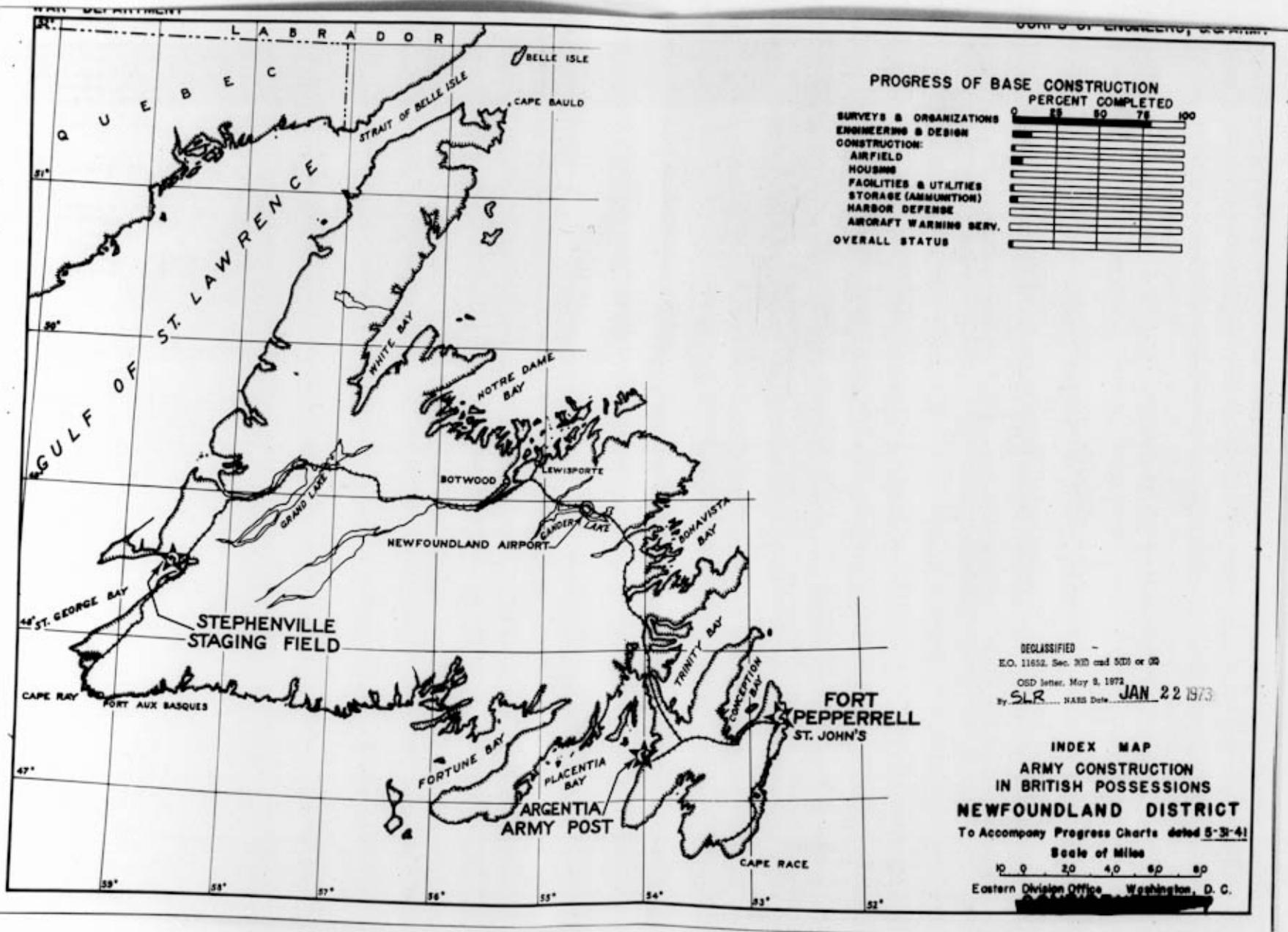


INDEX MAP
ARMY CONSTRUCTION
IN BRITISH POSSESSIONS

TO ACCOMPANY PROGRESS CHART DATED MAY 7, 1941
Eastern Division Office, Washington, D. C.



REPRODUCTION OF THIS CHART BY ANY OTHER AGENCY IS PROHIBITED
GPO: 1941, Sec. 609 and 607 of P.L. 761
GPO: 1941, May 8, 1941
S.L.R. NAME DATE JAN 22 1973



PROGRESS OF BASE CONSTRUCTION

	PERCENT COMPLETED			
	0	25	50	75 100
SURVEYS & ORGANIZATIONS	█	█	█	█
ENGINEERING & DESIGN	█	█	█	█
CONSTRUCTION:				
AIRFIELD	█	█	█	█
HOUSING	█	█	█	█
FACILITIES & UTILITIES	█	█	█	█
STORAGE (AMMUNITION)	█	█	█	█
HARBOR DEFENSE	█	█	█	█
AIRCRAFT WARNING SERV.	█	█	█	█
OVERALL STATUS	█	█	█	█

DECLASSIFIED -
 E.O. 11652, Sec. 303 and 503 or 30
 OSD letter, May 8, 1973
 by SLR, NARS Date **JAN 22 1973**

INDEX MAP
ARMY CONSTRUCTION
IN BRITISH POSSESSIONS
NEWFOUNDLAND DISTRICT
 To Accompany Progress Charts dated 5-31-41
 Scale of Miles
 0 20 40 60 80
 Eastern Division Office, Washington, D. C.

WAR DEPARTMENT

CORPS OF ENGINEERS, U. S. ARMY

INDEX

- | | |
|---------------------------|----------------------|
| 1 FIELD OFFICERS QUARTERS | 6 POST EXCHANGE |
| 2 CO. OFFICERS QUARTERS | 7 HOSPITAL |
| 3 N.G.O. QUARTERS | 8 SERVICE CLUB |
| 4 BARRACKS | 9 SERVICES |
| 5 HEADQUARTERS | 10 CONSTRUCTION CAMP |

PROGRESS OF BASE CONSTRUCTION
PERCENT COMPLETED

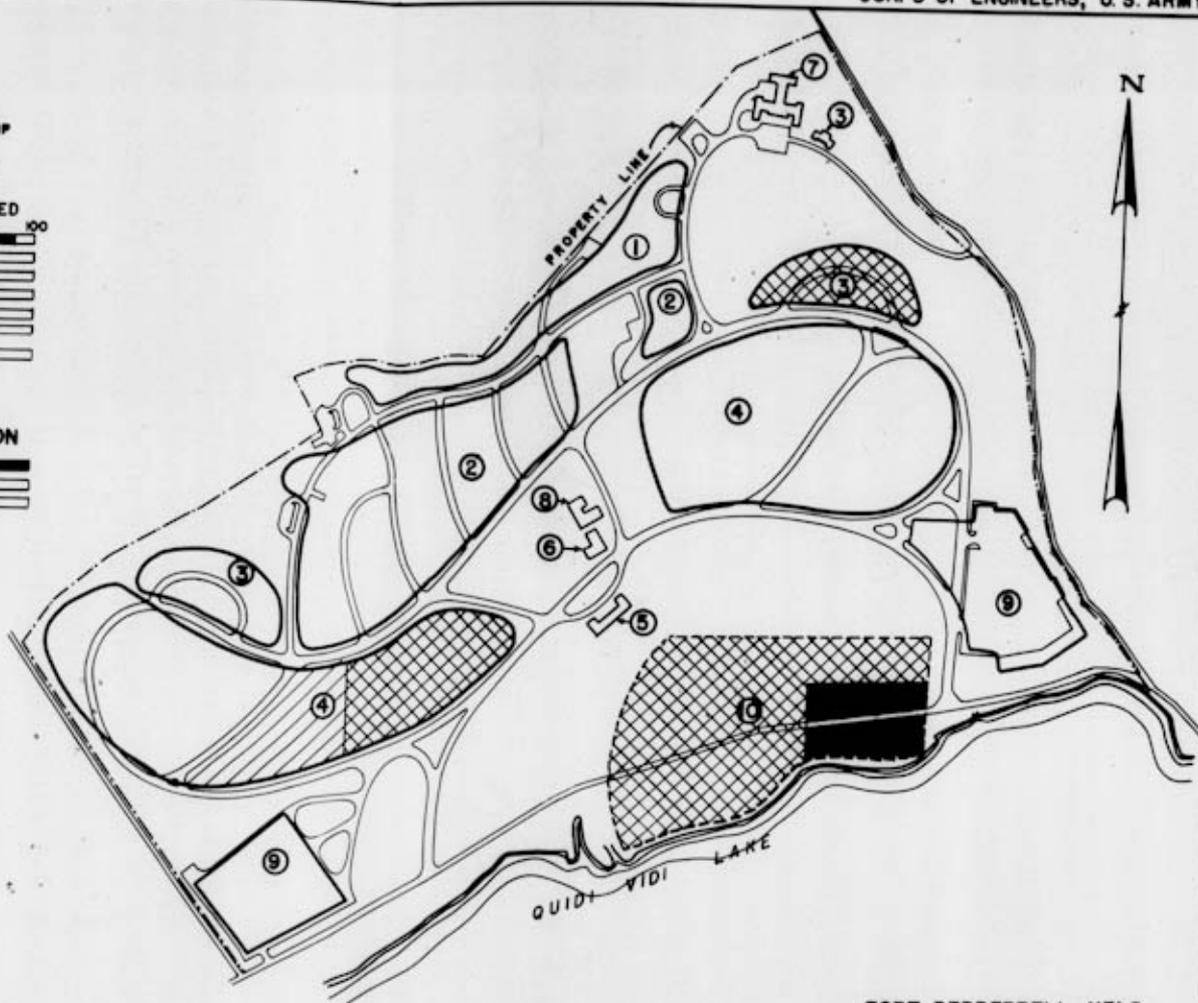
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SURVEYS & ORGANIZATIONS	[Progress bar]				
ENGINEERING & DESIGN	[Progress bar]				
CONSTRUCTION:	[Progress bar]				
HOUSING	[Progress bar]				
FACILITIES & UTILITIES	[Progress bar]				
STORAGE (AMMUNITION)	[Progress bar]				
OVERALL STATUS	[Progress bar]				

PROGRESS OF TEMPORARY CONSTRUCTION

TENT CAMP	[Progress bar]
CONSTRUCTION CAMP	[Progress bar]
DOCK	[Progress bar]

LEGEND

- [Solid line] PERMANENT CONSTRUCTION
- [Dashed line] TEMPORARY CONSTRUCTION
- [Cross-hatch] CLEARED
- [Diagonal lines] GRADED
- [Solid black] COMPLETED



FORT PEPPERRELL, NFLD.
PROGRESS CHART
PERIOD ENDING MAY 31, 1941

Scale in Feet
500 0 500 1000

REVISED
EG. 2752, Sec. 327 and 305 or 26

CSD letter, May 5, 1972

by SLR NARS Date JAN 22 1973

Eastern Division Office Washington, D. C.

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| 4 BARRACKS | 9 SERVICES |
| 5 HEADQUARTERS | 10 CONSTRUCTION CAMP |

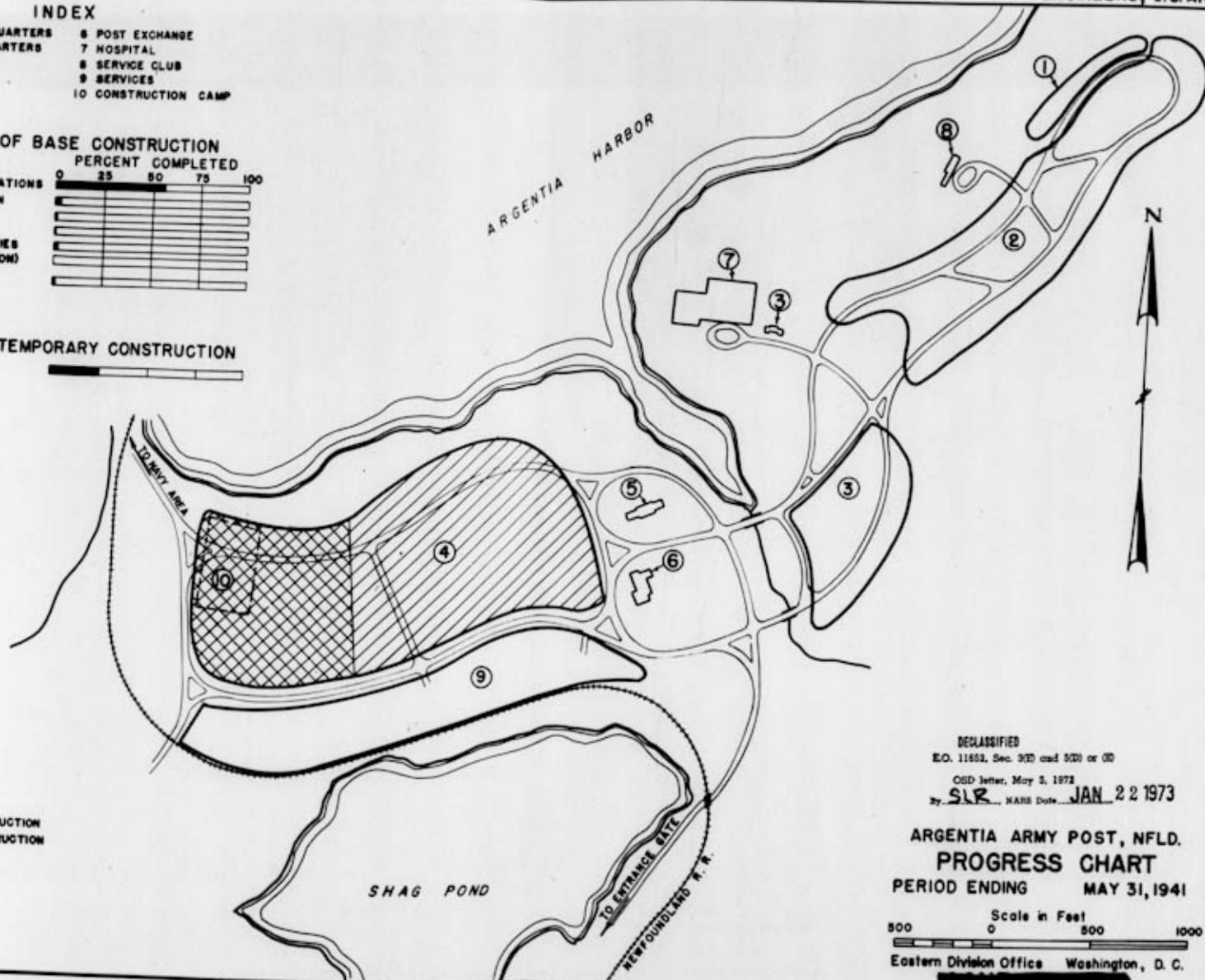
PROGRESS OF BASE CONSTRUCTION

	PERCENT COMPLETED				
	0	25	50	75	100
SURVEYS & ORGANIZATIONS	████████████████████				
ENGINEERING & DESIGN	████████████████████				
CONSTRUCTION:	████████████████████				
HOUSING	████████████████████				
FACILITIES & UTILITIES	████████████████████				
STORAGE (AMMUNITION)	████████████████████				
OVERALL STATUS	████████████████████				

PROGRESS OF TEMPORARY CONSTRUCTION

	PERCENT COMPLETED				
	0	25	50	75	100
CONSTRUCTION CAMP	████████████████████				

- ### LEGEND
- ▭ PERMANENT CONSTRUCTION
 - ▭ TEMPORARY CONSTRUCTION
 - ▭ CLEARED
 - ▭ GRADED
 - ▭ COMPLETED



DECLASSIFIED
 E.O. 11652, Sec. 9(2) and 5(2) or (3)
 OSD Letter, May 5, 1973
 by SLR WARS Date JAN 22 1973

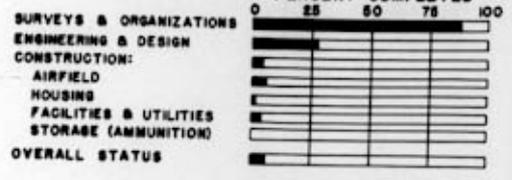
ARGENTIA ARMY POST, N.F.L.D.
PROGRESS CHART
 PERIOD ENDING MAY 31, 1941

Scale in Feet
 0 500 1000
 Eastern Division Office Washington, D. C.

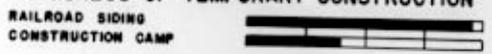
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| 4 TRANSIENT OFFICERS QUARTERS | 9 FIRE STA. & MOTOR SERVICE |
| 5 N.C.O. QUARTERS | 10 CONSTRUCTION CAMP |

PROGRESS OF BASE CONSTRUCTION

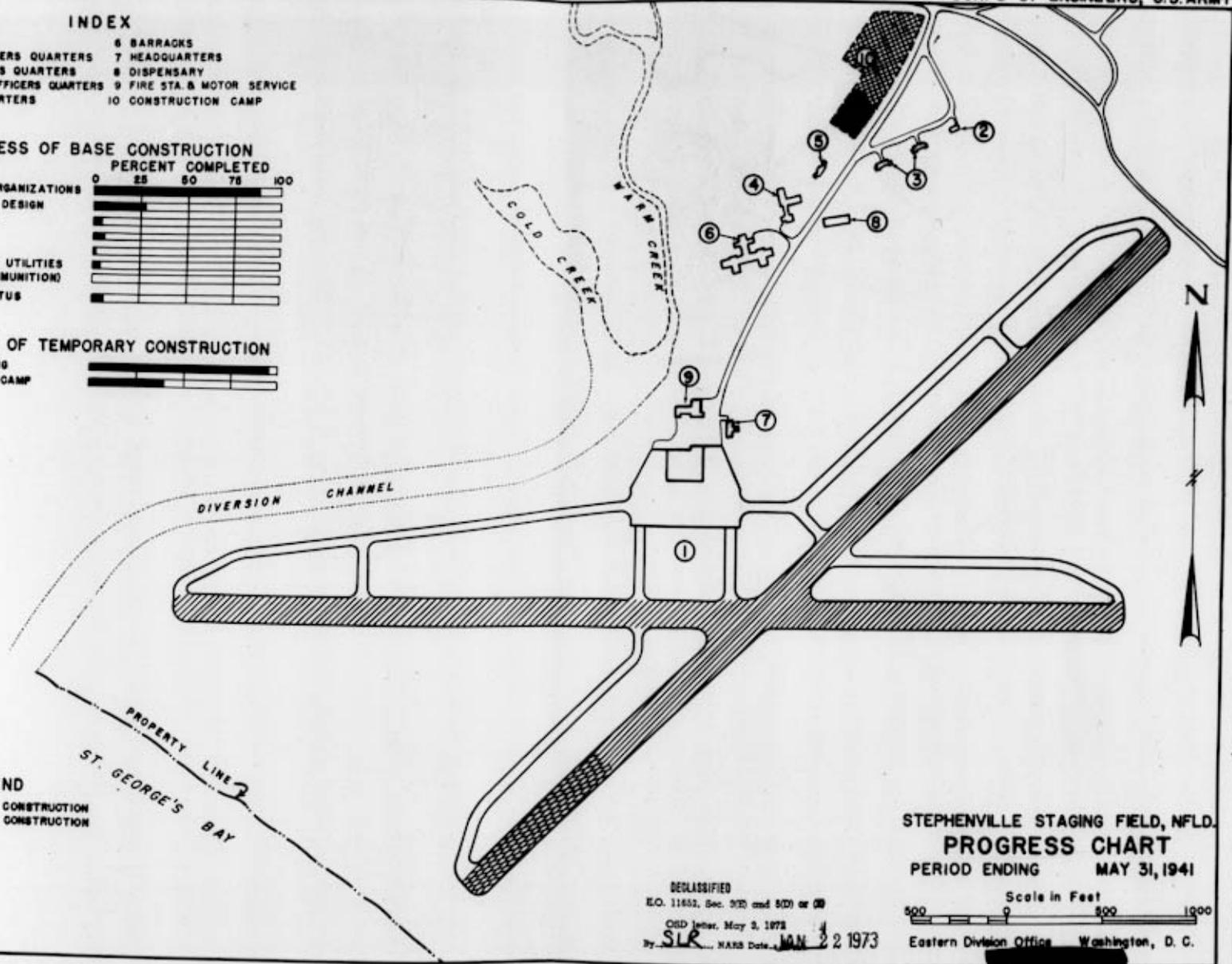


PROGRESS OF TEMPORARY CONSTRUCTION

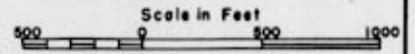


LEGEND

- [Solid line] PERMANENT CONSTRUCTION
- [Dashed line] TEMPORARY CONSTRUCTION
- [Stippled area] CLEARED
- [Cross-hatched area] GRADED
- [Solid black area] COMPLETED

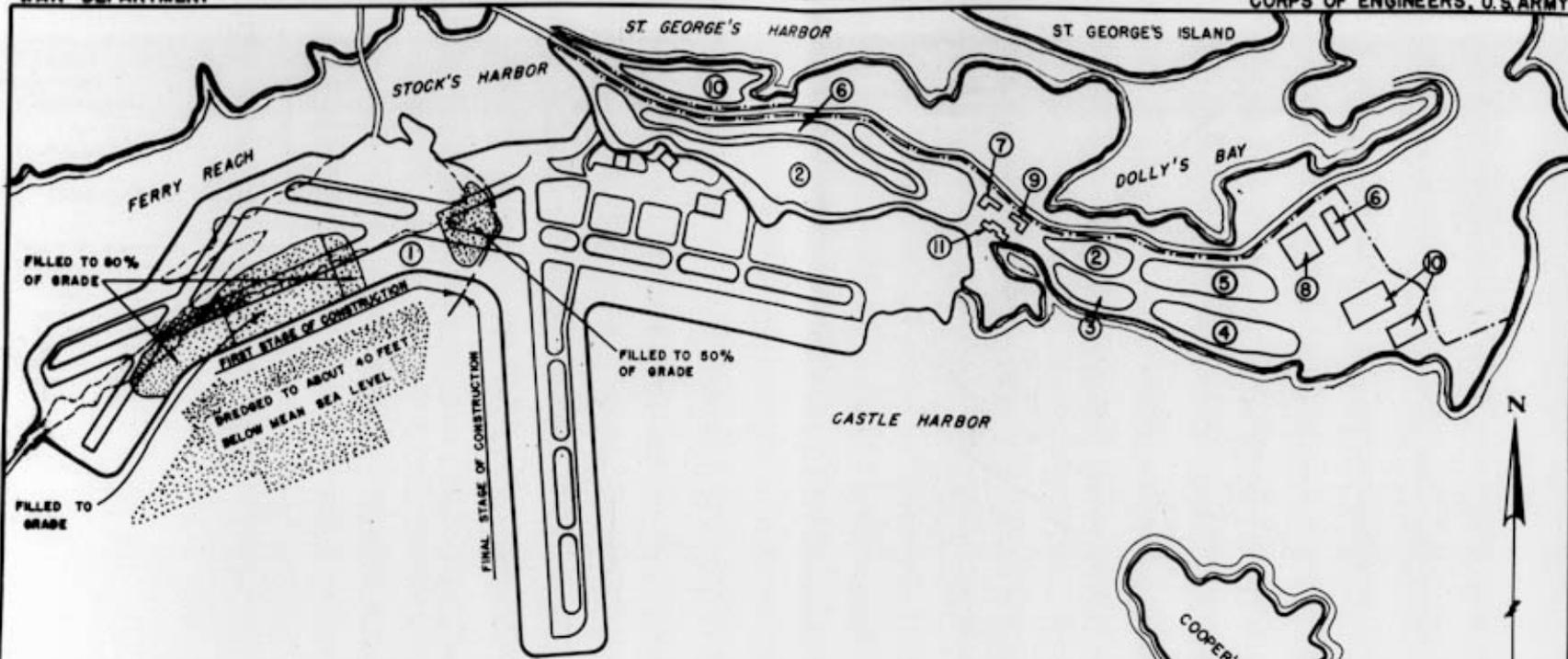


STEPHENVILLE STAGING FIELD, NFLD.
PROGRESS CHART
 PERIOD ENDING MAY 31, 1941



DECLASSIFIED
 E.O. 11652, Sec. 3(e) and 5(D) or (F)
 OSD Jener. May 3, 1978
 By SLR, NARS Date JAN 22 1973

Eastern Division Office Washington, D. C.



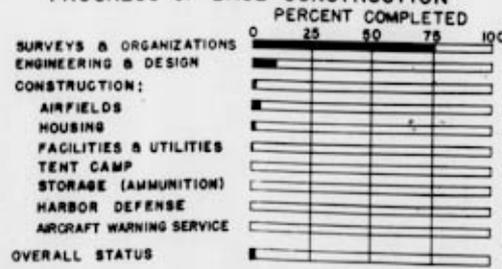
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| 5 M.C.O. QUARTERS | 11 HEADQUARTERS |
| 6 BARRACKS | |

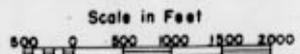
LEGEND

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| | PERMANENT CONSTRUCTION |
| | HYDRAULIC FILL |
| | CLEARED |
| | GRADED |
| | COMPLETED |

PROGRESS OF BASE CONSTRUCTION



FORT BELL, BERMUDA
 PROGRESS CHART
 PERIOD ENDING MAY 31, 1941

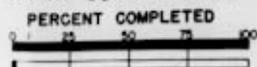


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| 5 BARRACKS | |

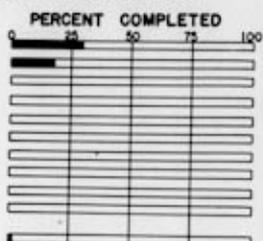
PROGRESS OF TEMPORARY CONSTRUCTION

RADIO STATION
CONSTRUCTION CAMP



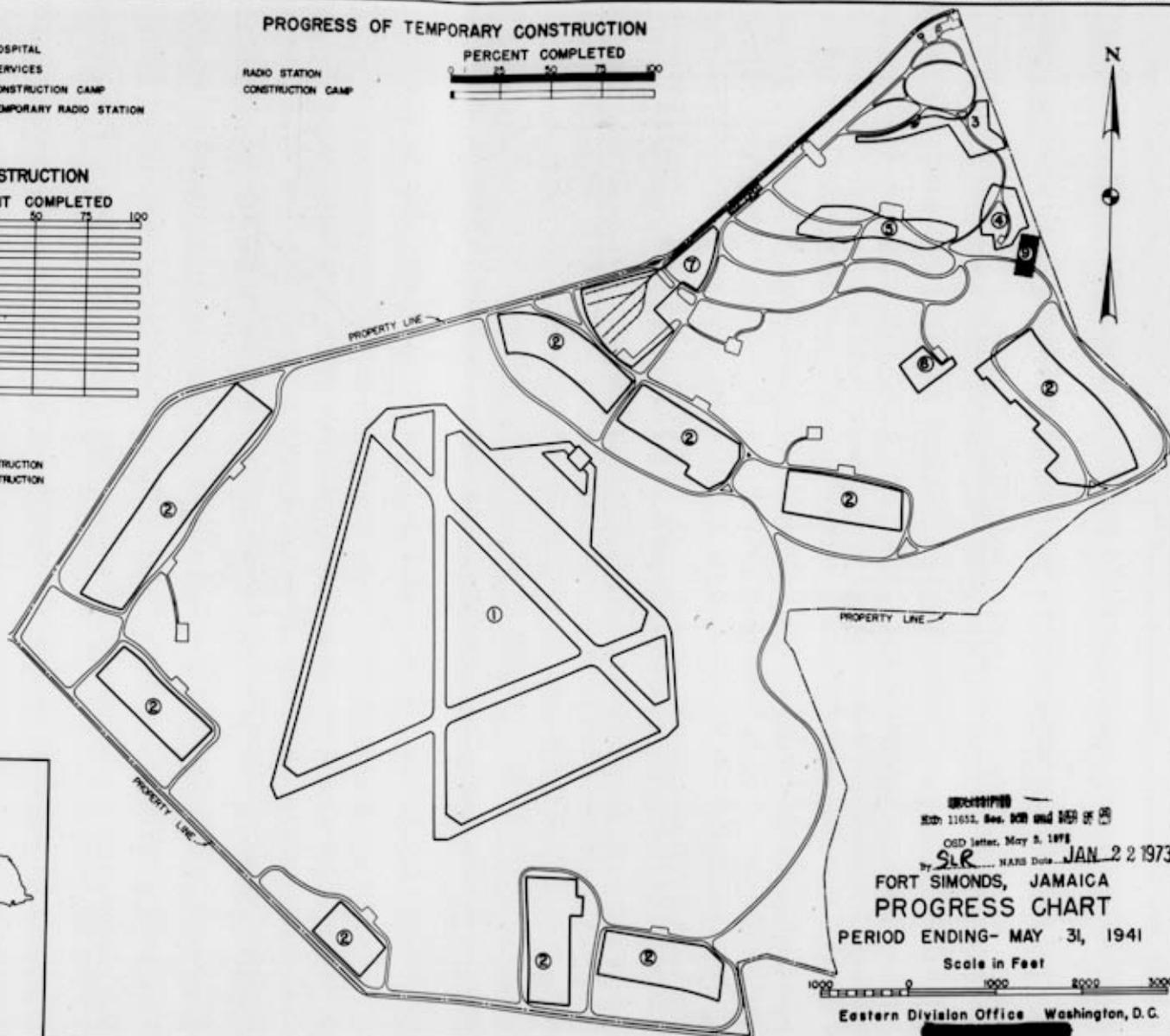
PROGRESS OF BASE CONSTRUCTION

- SURVEYS AND ORGANIZATION
ENGINEERING AND DESIGN
CONSTRUCTION:
- AIRFIELD
 - HOUSING
 - FACILITIES & UTILITIES
 - TENT CAMP
 - STORAGE (AMMUNITION)
 - HARBOR DEFENSE
 - AIRCRAFT WARNING SERVICE
- OVERALL STATUS



LEGEND

- | | |
|--|------------------------|
| | PERMANENT CONSTRUCTION |
| | TEMPORARY CONSTRUCTION |
| | CLEARED |
| | GRADED |
| | COMPLETED |



JAMAICA
LOCATION MAP
SCALE OF MILES

REVISIONS
Ech 11652, Sec. 203 and 204 of 25

OGD letter, May 8, 1973

by SLR NAME Date JAN 22 1973

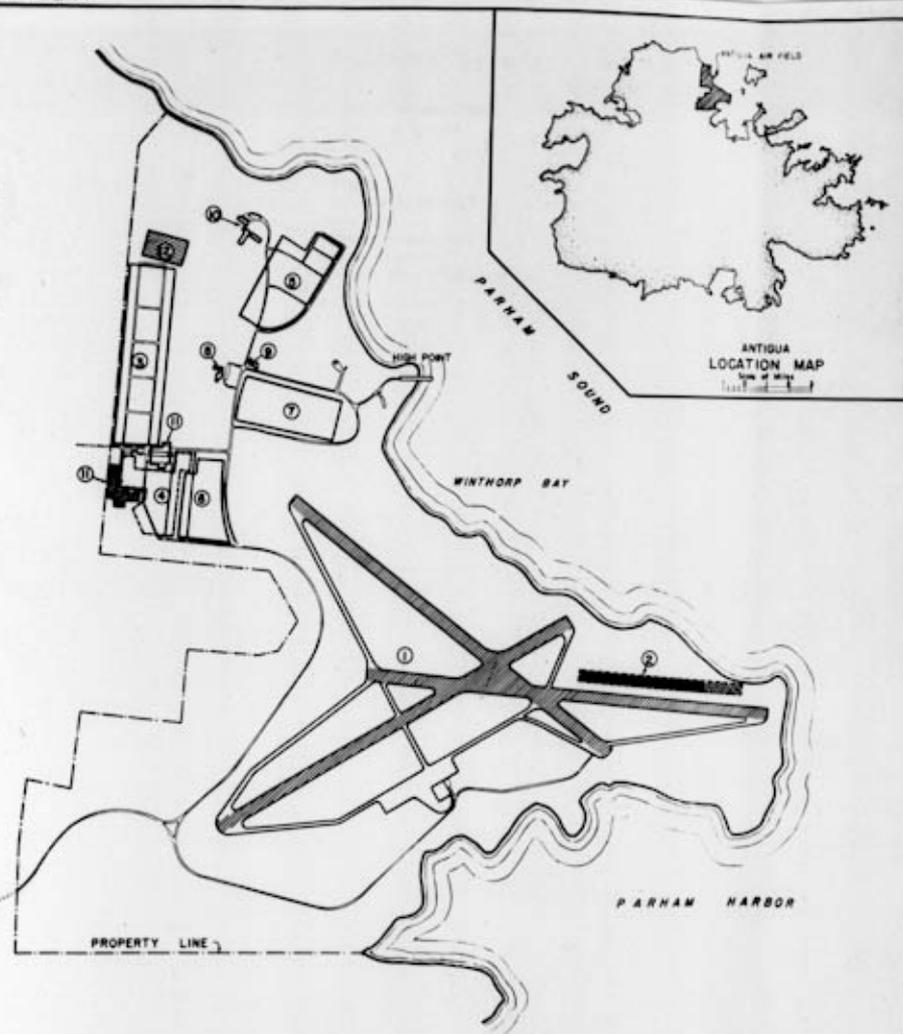
FORT SIMONDS, JAMAICA
PROGRESS CHART

PERIOD ENDING - MAY 31, 1941

Scale in Feet



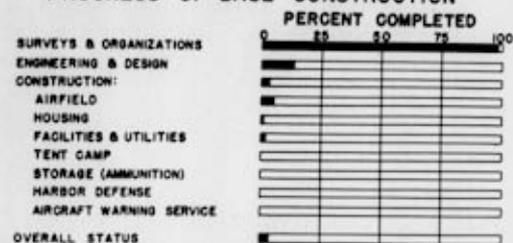
Eastern Division Office Washington, D. C.



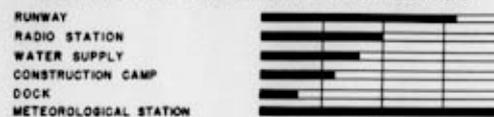
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PROGRESS OF BASE CONSTRUCTION



PROGRESS OF TEMPORARY CONSTRUCTION



LEGEND

- PERMANENT CONSTRUCTION
- TEMPORARY CONSTRUCTION
- ▨ CLEARED
- ▩ GRADED
- COMPLETED

ANTIGUA AIR FIELD
 PROGRESS CHART
 PERIOD ENDING MAY 31, 1941

Scale in Feet



Eastern Division Office Washington, D.C.

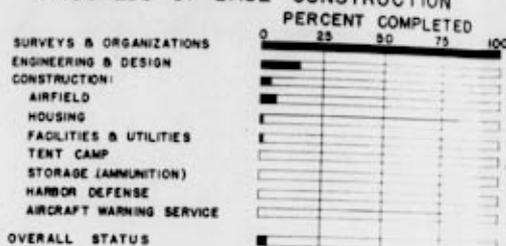
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E.O. 11652, Sec. 902 and 501 or 502

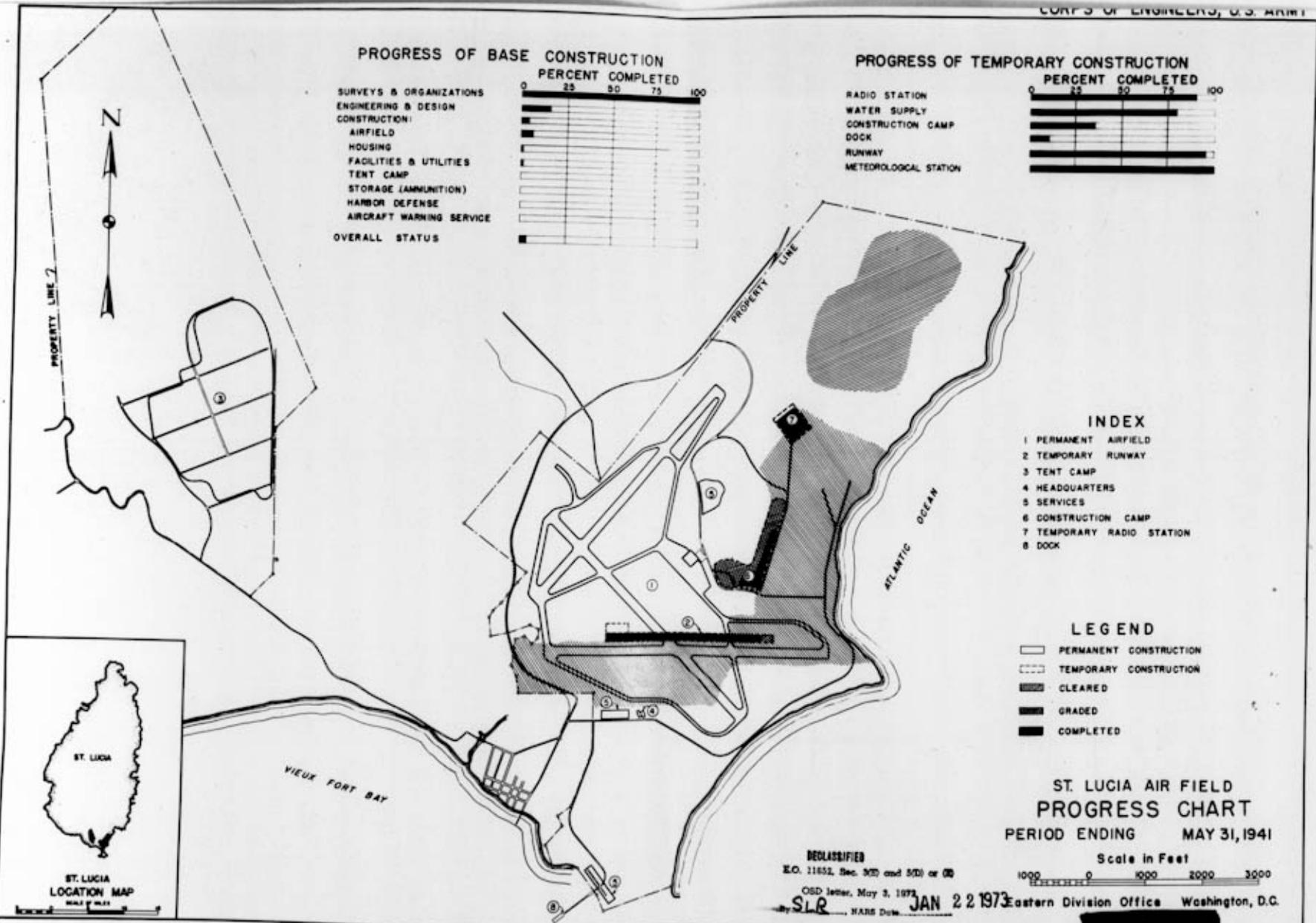
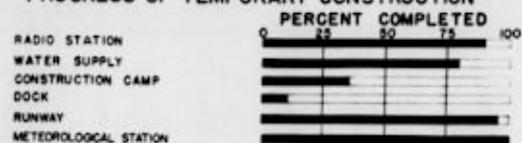
OSD Letter, May 2, 1972

By SLR NARS Date JAN 22 1973

PROGRESS OF BASE CONSTRUCTION

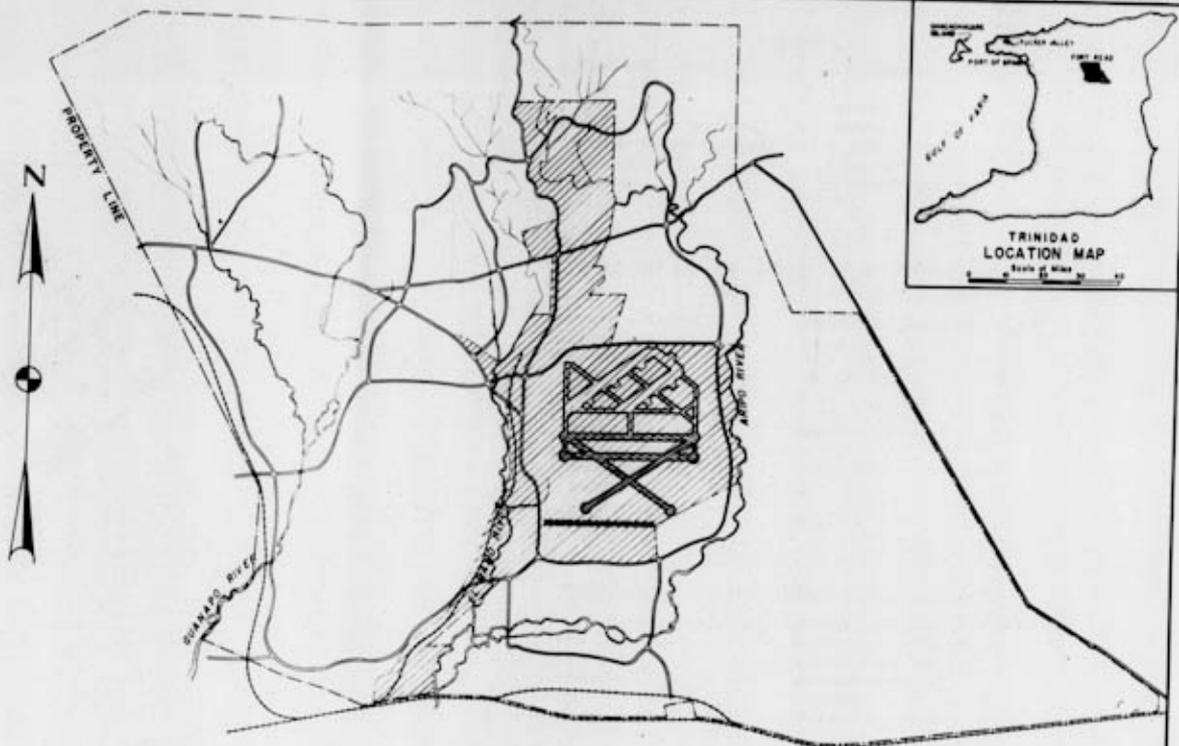
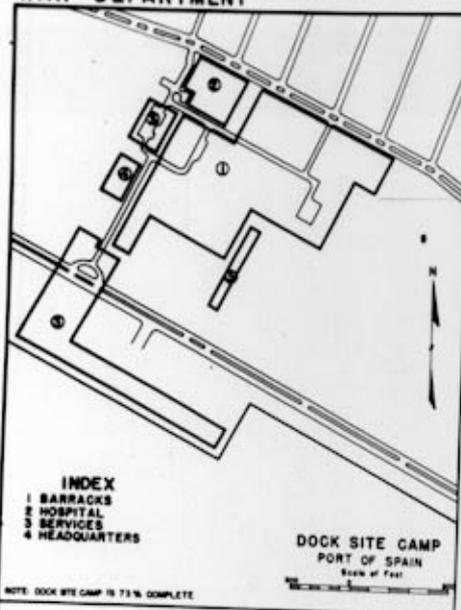


PROGRESS OF TEMPORARY CONSTRUCTION

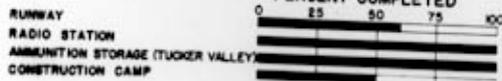


WAR DEPARTMENT

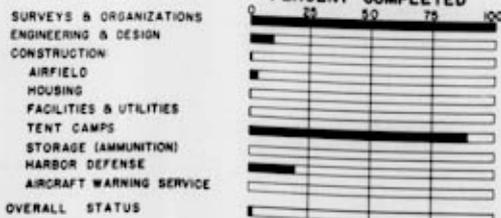
CORPS OF ENGINEERS, U.S. ARMY



PROGRESS OF TEMPORARY CONSTRUCTION



PROGRESS OF BASE CONSTRUCTION



LEGEND

- PERMANENT CONSTRUCTION
- ▨ TEMPORARY CONSTRUCTION
- CLEARED
- ▩ GRADED
- COMPLETED

**FORT READ, TRINIDAD
 PROGRESS CHART**
 PERIOD ENDING MAY 31, 1941

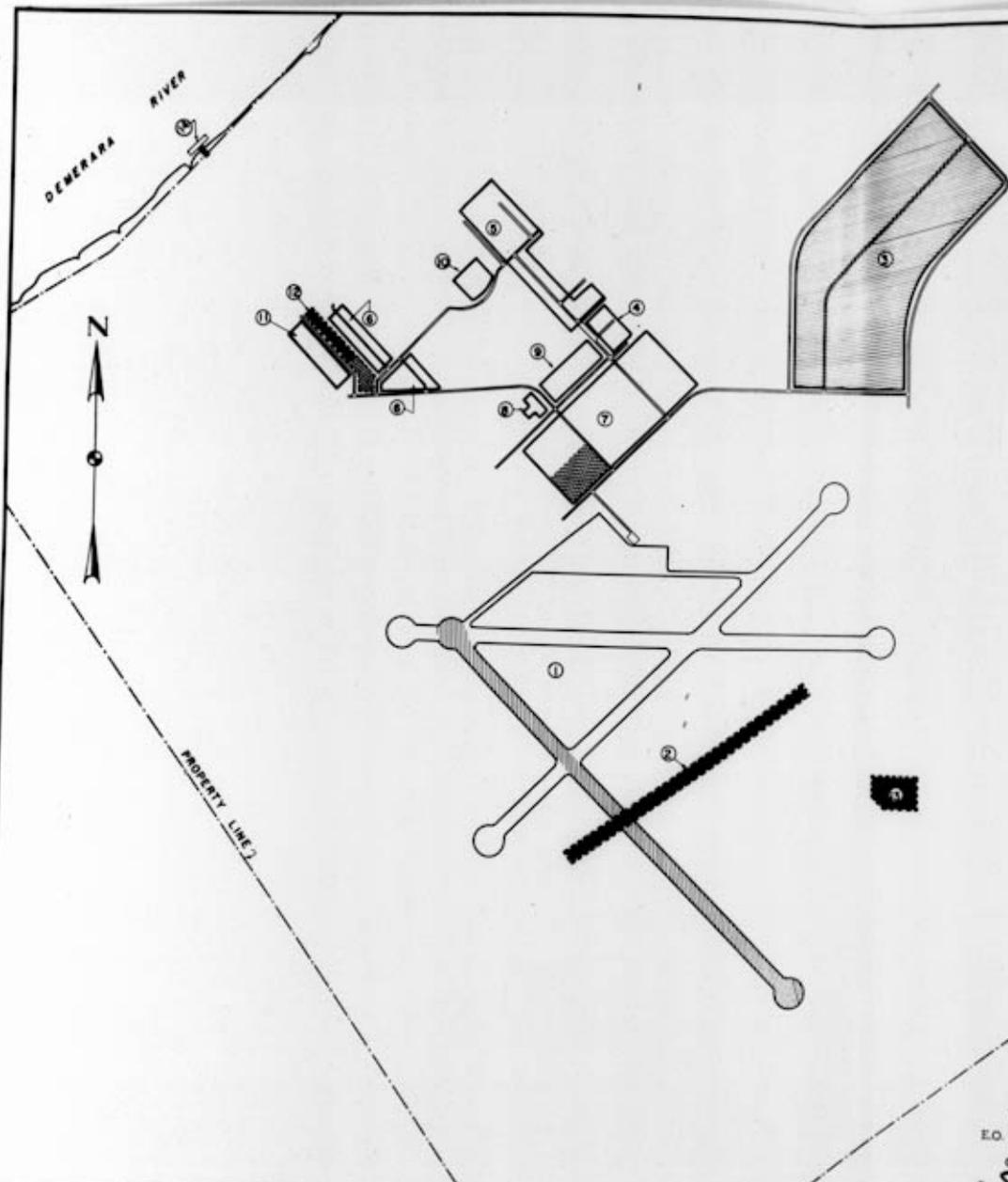
Scale in Feet



Eastern Division Office Washington, D. C.

DECLASSIFIED
 E.O. 11652, Sec. 5(2) and 5(3) or (4)

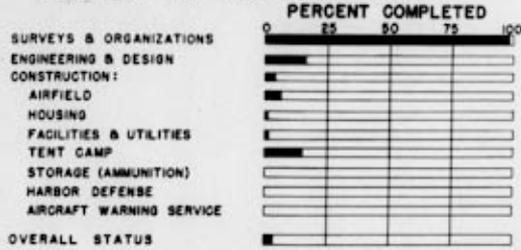
OSD Jetter, May 3, 1973
 By S.L.R. WAB Date JAN 22 1973



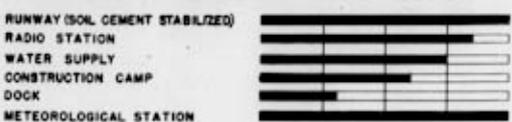
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| 6 N.C.O. QUARTERS | 13 TEMPORARY RADIO STATION |
| 7 BARRACKS | 14 TEMPORARY DOCK |

PROGRESS OF BASE CONSTRUCTION



PROGRESS OF TEMPORARY CONSTRUCTION



LEGEND

- ▭ PERMANENT CONSTRUCTION
- ▭ TEMPORARY CONSTRUCTION
- ▭ CLEARED
- ▭ GRADED
- ▭ COMPLETED

**BRITISH GUIANA ARMY BASE
PROGRESS CHART
PERIOD ENDING MAY 31, 1941**