

PSF
Naval Summary of Progress

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U. S. NAVAL SHIPBUILDING PROGRAM
COMBATANT VESSELS

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DOD DIR. 5200.9 (8/27/58)

Date- 4-8-70

Signature- JR

AUGUST 1, 1941
BUREAU OF SHIPS
NAVY DEPARTMENT
WASHINGTON, D. C.

~~CONFIDENTIAL~~

U. S. NAVAL SHIPBUILDING PROGRAM
COMBATANT VESSELS

STATISTICAL SUMMARY OF PROGRESS

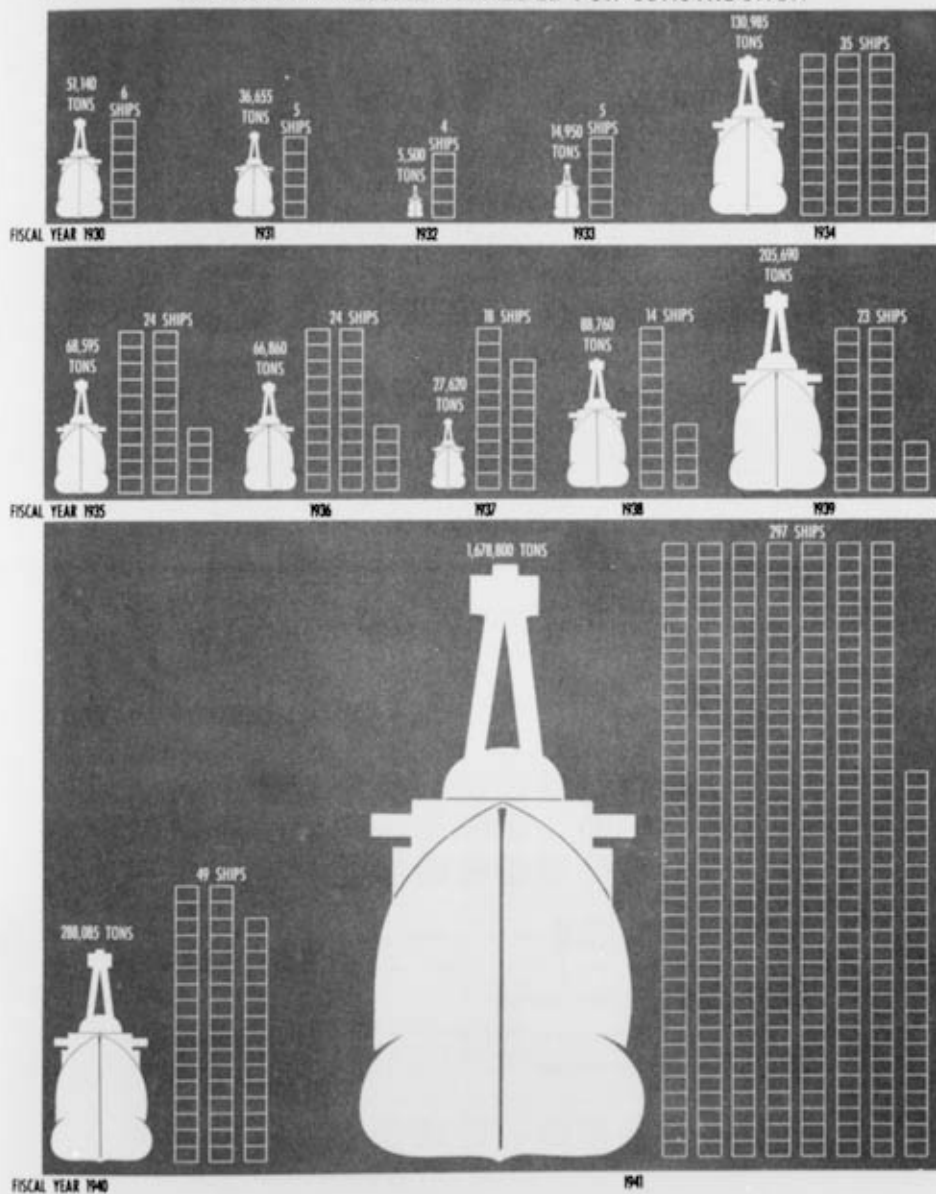
AUGUST 1, 1941

SHIPBUILDING DIVISION
BUREAU OF SHIPS
NAVY DEPARTMENT



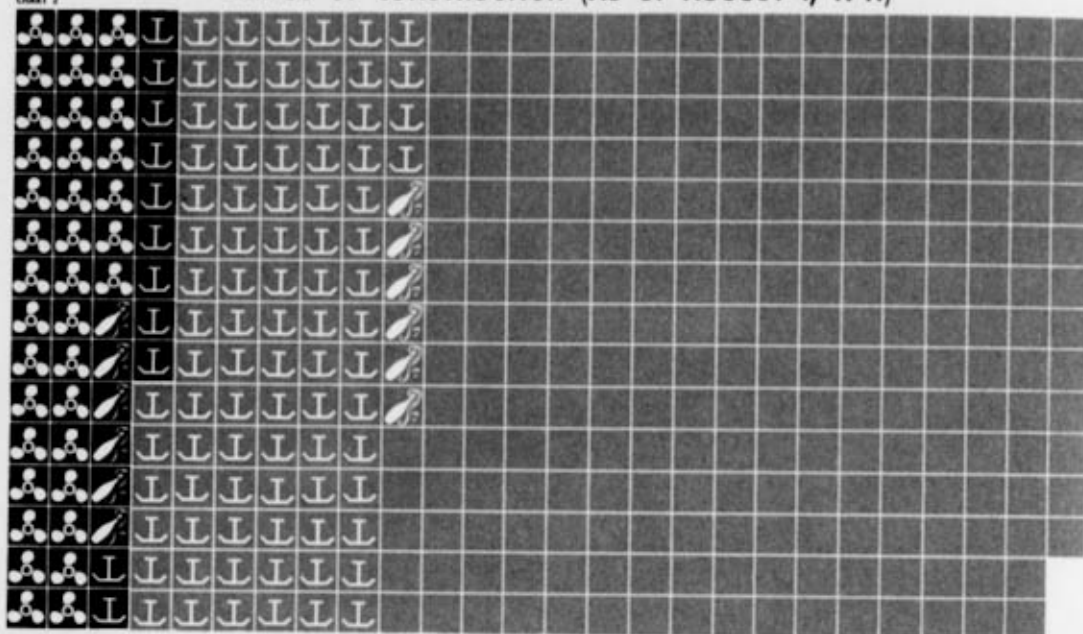
CHART 1

COMBATANT VESSELS AWARDED FOR CONSTRUCTION



STATUS OF CONSTRUCTION (AS OF AUGUST 1, 1941)

CHART 2



□ EACH SQUARE REPRESENTS ONE VESSEL

■ BUILDING JUNE 1, 1940 TOTAL (54)

■ AWARDED AFTER JUNE 1, 1940 (334)

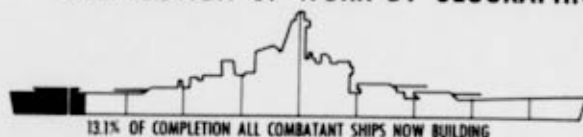
T KEELS LAID

L LAUNCHED

C COMPLETED

CHART 3

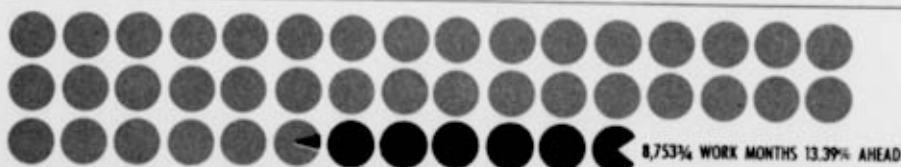
DISTRIBUTION OF WORK BY GEOGRAPHICAL AREAS



13.1% OF COMPLETION ALL COMBATANT SHIPS NOW BUILDING



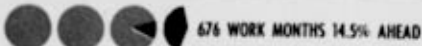
NORTH
ATLANTIC
AREA



SOUTH
ATLANTIC
AREA



GULF
AREA



GREAT
LAKES
AREA



PACIFIC
AREA

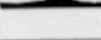
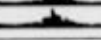
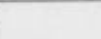
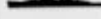
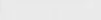
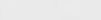
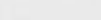
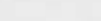
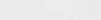
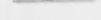
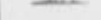
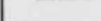
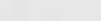
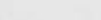
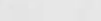
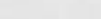
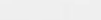
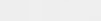
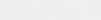
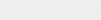
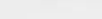
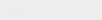
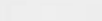
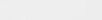
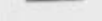
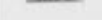
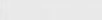
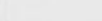
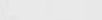
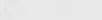
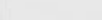
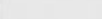
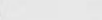
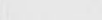
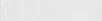
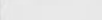
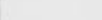
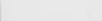
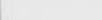
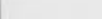
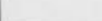
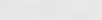
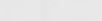
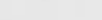
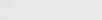
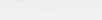
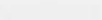
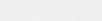
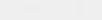
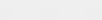
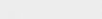
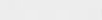
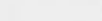
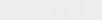
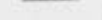
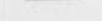
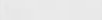
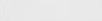
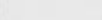
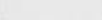
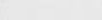
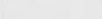
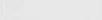
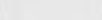
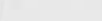
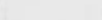
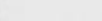
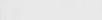
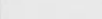
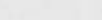
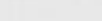
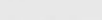
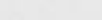
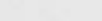
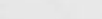
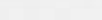
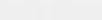
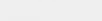
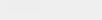
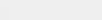
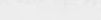
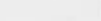
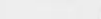
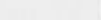
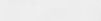
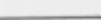
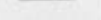
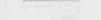
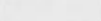
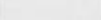
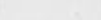
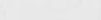
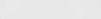
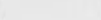
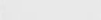
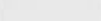
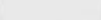
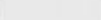
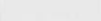
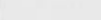
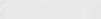
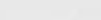
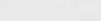
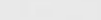
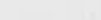
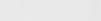
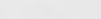
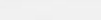
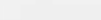
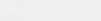
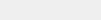
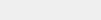
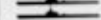
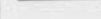
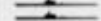
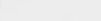
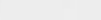
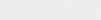
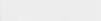
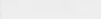
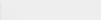
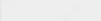
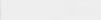
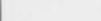
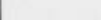
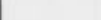
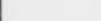
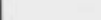
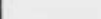
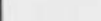
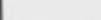
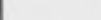
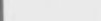
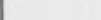
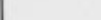
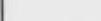
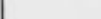
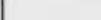
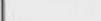
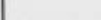
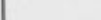
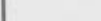
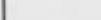
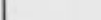
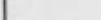
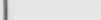
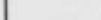
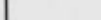
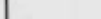
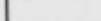
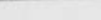
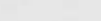
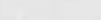
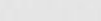
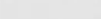


● EACH CIRCLE REPRESENTS
200 WORK MONTHS

● WORK MONTHS AHEAD — PERCENT

● WORK MONTHS BEHIND — PERCENT

COMBATANT VESSELS SHOWING PERCENTAGE OF COMPLETION

	COMPLETED SINCE JULY 1, 1941	99-75%		50-25%	25-5%	5-0%		
BATTLESHIPS		 	  	 		 		
AIRCRAFT CARRIERS						   	   	   
LARGE CRUISERS						   	   	   
HEAVY CRUISERS						   	   	   
LIGHT CRUISERS		 	   	     				
								
                                                         								
								
                 								
								
                                                         								
								
                 								
								
                                                         								
								
                 								
								
                                                         								
								
                 								
SUBMARINES		 	                                                              					

STATISTICAL SUMMARY OF BATTLESHIPS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND 1 JUNE, 1940	COMPLETED		ON ORDER 1 AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Battleships	15	0	0	17	0	2	0	3	12

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Battleships	17	6	2	2	2	3	2

VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

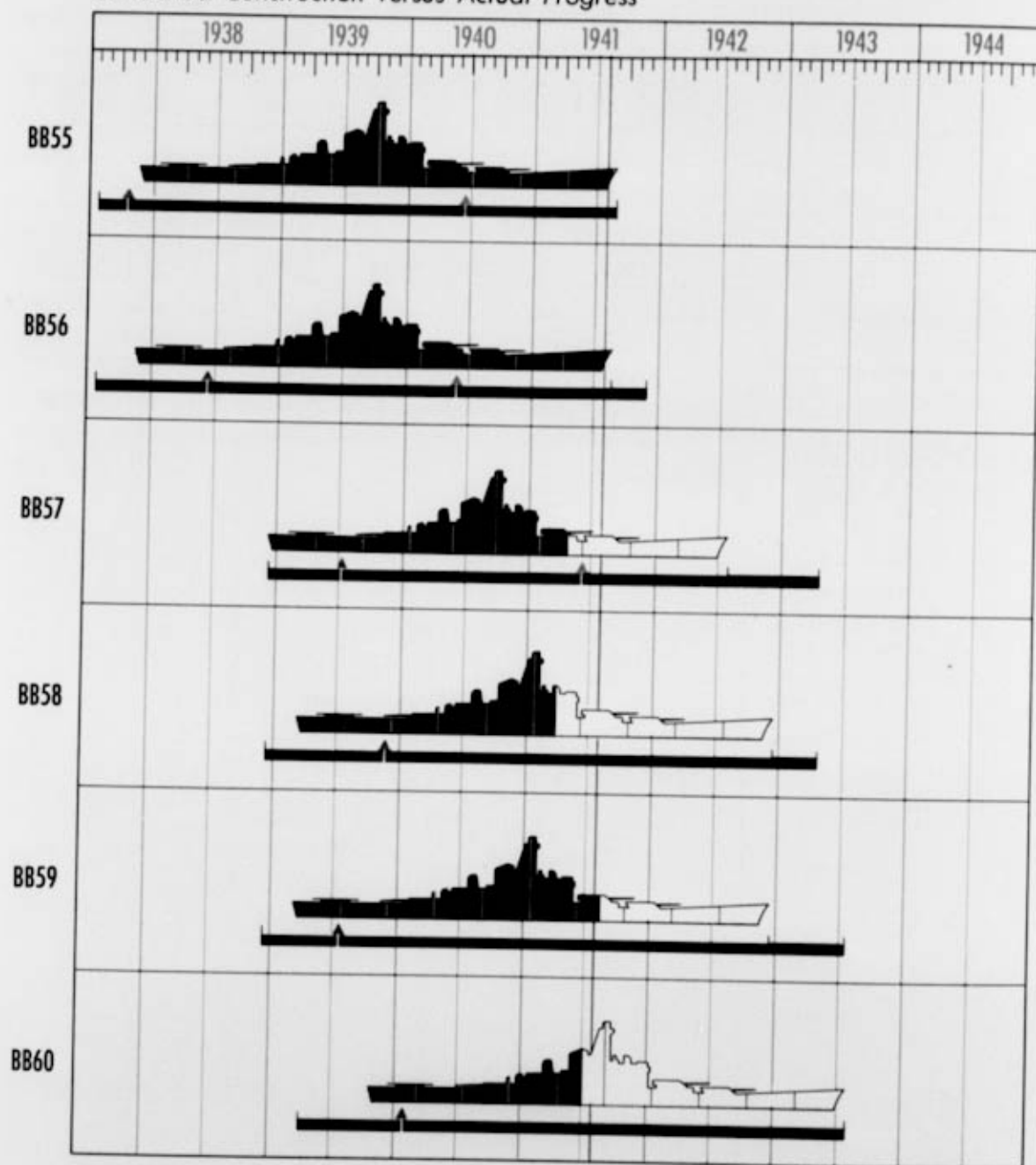
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941							
VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000'S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
Bethlehem Steel Co., Fore River Plant, Quincy, Mass.							
BB59 - MASSACHUSETTS	12/15/38	59,702	23,000	55	48	7/20/39	9/23/41*
New York Shipbuilding Corp., Camden, N.J.							
BB57 - SOUTH DAKOTA	12/15/38	62,998	23,000	52	43-1/2	7/ 5/39	6/ 7/41
NAVY YARDS							
Navy Yard, New York							
BB55 - NORTH CAROLINA	8/ 1/37	52,900	23,000	49			
BB61 - IOWA	7/ 1/39	57,395	27,000	49		10/27/37	6/13/40
BB63 - MISSOURI	6/12/40	57,545	30,000	48	52	6/27/40	12/ 1/42*
BB69 - MAINE	9/ 9/40	80,000	41,000	61-3/4	52-1/2	1/ 6/41	12/ 1/43*
BB70 - NEW HAMPSHIRE	9/ 9/40	80,000	41,000	67-3/4	61-3/4	67-3/4	
Navy Yard, Philadelphia							
BB56 - WASHINGTON	8/ 1/37	50,912	23,000	52			
BB62 - NEW JERSEY	7/ 1/39	65,053	27,000	52		6/14/38	6/ 1/40
BB64 - WISCONSIN	6/12/40	58,300	30,000	48	52	9/16/40	9/ /42*
BB65 - ILLINOIS	9/ 9/40	58,300	32,000	61-3/4	48	1/25/41	1/ /43*
BB67 - MONTANA	9/ 9/40	80,000	41,000	63-3/4	61-3/4		
BB68 - OHIO	9/ 9/40	80,000	41,000	73-3/4	63-3/4	73-3/4	
SOUTH ATLANTIC							
Newport News Shipbuilding & Dry Dock Co., Newport News, Va.							
BB58 - INDIANA	12/15/38	61,323	24,000	52	48	11/20/39	12/19/41*
NAVY YARDS							
Navy Yard, Norfolk							
BB60 - ALABAMA	4/ 1/39	51,458	23,000	52	52		
BB66 - KENTUCKY	9/ 9/40	65,750	32,000	55-3/4	55-3/4	2/ 1/40	2/16/42*
BB71 - LOUISIANA	9/ 9/40	80,000	41,000	73-3/4	67-3/4		2/ /44*
							4/ /45*

* Estimated Launching Dates

* Estimated Launching Dates

PROGRESS OF BATTLESHIP CONSTRUCTION

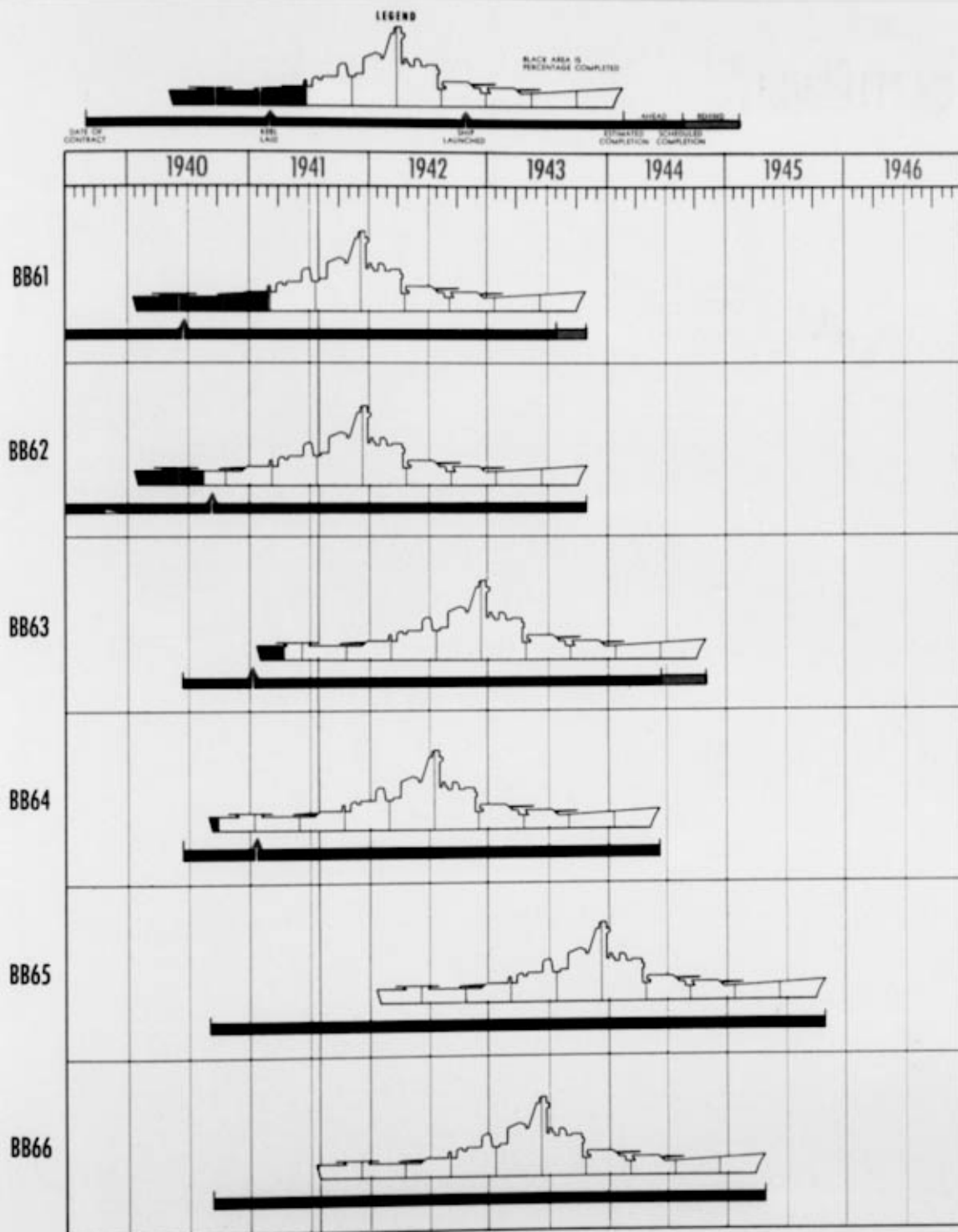
Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 967¼

TOTAL WORK MONTHS ESTIMATED . . . 949¼

18 WORK MONTHS GAINED



BB67 • BB68 • BB69 • BB70 • BB71
 (KEELS NOT YET LAID)

PLANS BEING PREPARED • MATERIALS ORDERED

CHART 5

BATTLESHIPS

STATISTICAL SUMMARY OF AIRCRAFT CARRIERS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND 1 JUNE, 1940	COMPLETED		ON ORDER AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Aircraft Carriers	6	0	0	12	0	1	0	0	11

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Aircraft Carriers	12	0	11	0	0	0	1

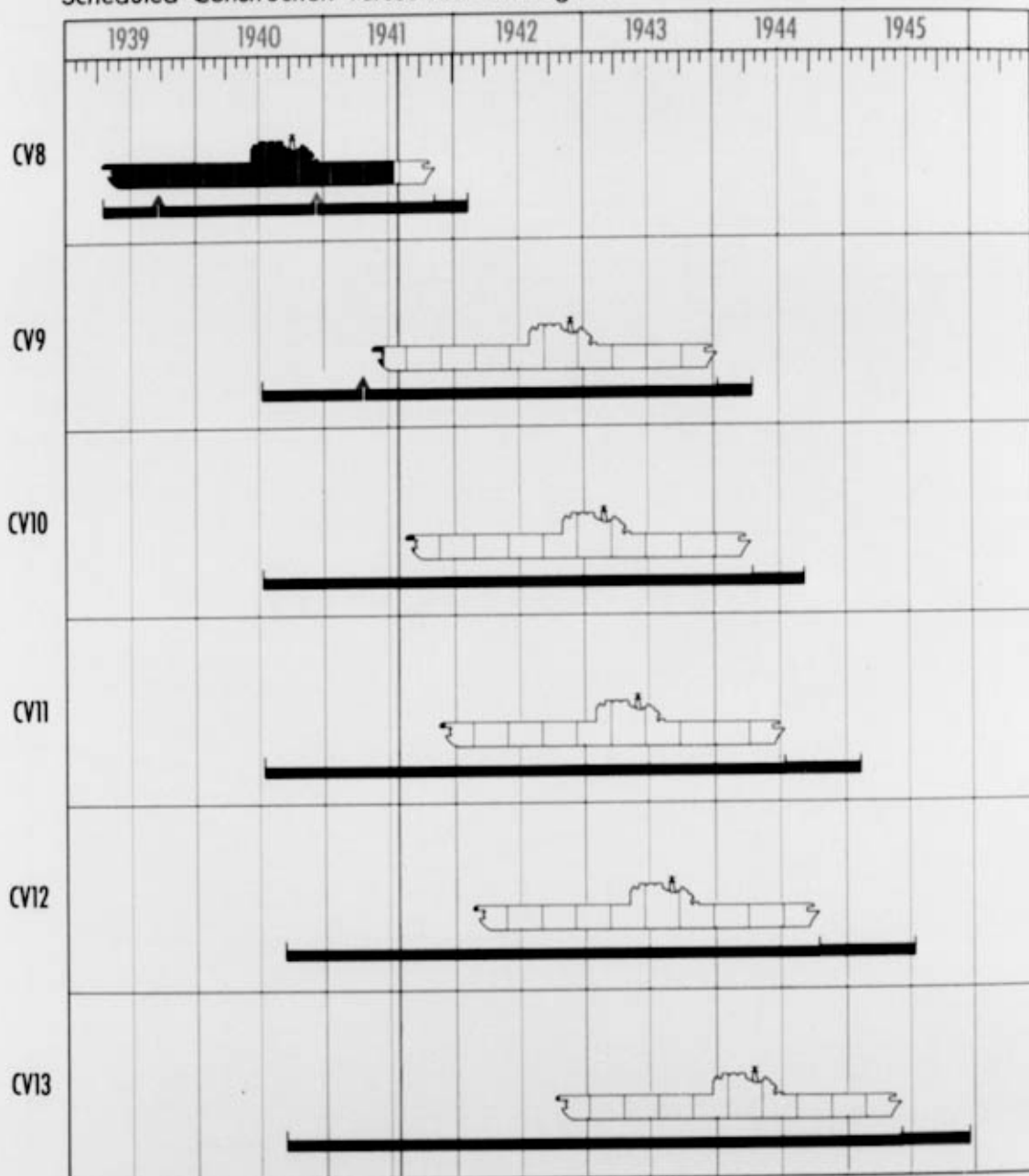
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$-000' s)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
Bethlehem Steel Co., Fore River Plant Quincy, Mass.							
CV16 - CABOT	9/ 9/40	55,970	14,000	44-1/4	44-1/4	7/15/41	5/15/43*
CV17 - BUNKER HILL	9/ 9/40	55,970	14,000	47-1/2	47-1/4		8/15/43*
CV18 - ORISKANY	9/ 9/40	55,970	14,000	65-1/4	61-3/4		2/15/45*
CV19 - TICONDEROGA	9/ 9/40	55,970	14,000	67-1/4	63-3/4		4/ 1/45*
SOUTH ATLANTIC							
Newport News S.B. & Dry Dock Co., Newport News, Va.							
CV8 - HORNET	4/10/39	37,655	12,700	34	31	9/25/39	12/14/40
CV9 - ESSEX	7/ 3/40	55,322	17,500	45-1/2	42-1/2	4/28/41	12/ 1/42*
CV10- BON HOMME RICHARD	7/ 3/40	55,322	17,500	50-1/2	45-1/2		6/ 1/43*
CV11- INTREPID	7/ 3/40	55,322	17,500	55-1/2	48-1/2		10/ 1/43*
CV12- KEARSAGE	9/ 9/40	54,337	17,500	58-1/4	49-1/4		3/ 1/44*
CV13- FRANKLIN	9/ 9/40	52,130	14,000	63-1/4	56-3/4		8/ 1/44*
CV14- HANCOCK	9/ 9/40	52,130	14,000	67-1/4	59-3/4		12/ 1/44*
CV15- RANDOLPH	9/ 9/40	52,130	14,000	71-1/4	62-3/4		5/ 1/45*

* Estimated Launching Dates

PROGRESS OF AIRCRAFT CARRIER CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 669 $\frac{3}{4}$

TOTAL WORK MONTHS ESTIMATED . . . 413

56 $\frac{1}{4}$ WORK MONTHS GAINED

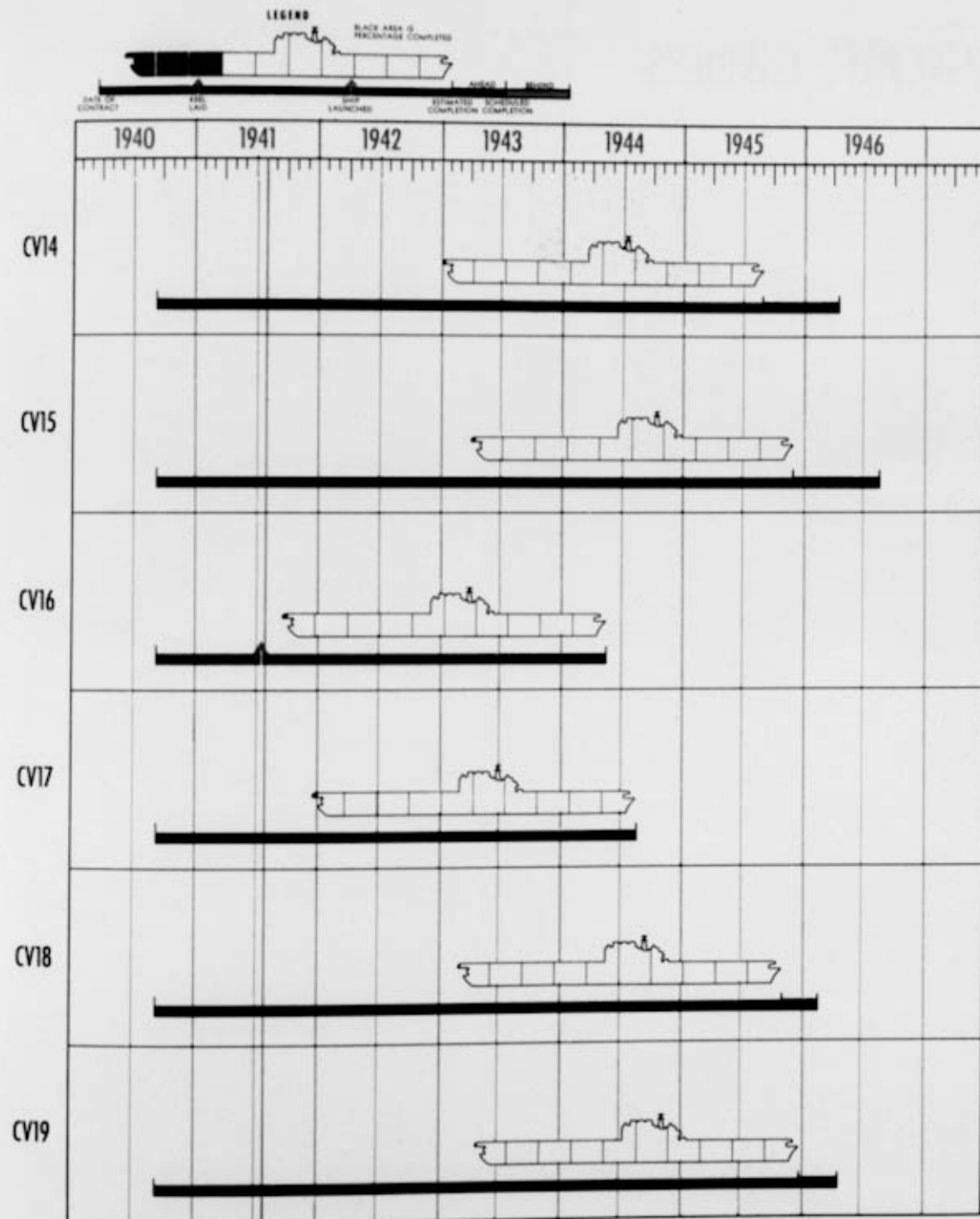


CHART 4

AIRCRAFT CARRIERS

STATISTICAL SUMMARY OF LARGE CRUISERS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND 1 JUNE, 1940	COMPLETED		ON ORDER 1 AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Large Cruisers	0	0	0	6	0	0	0	0	6

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Large Cruisers	6	0	6	0	0	0	0

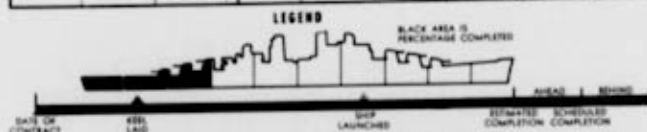
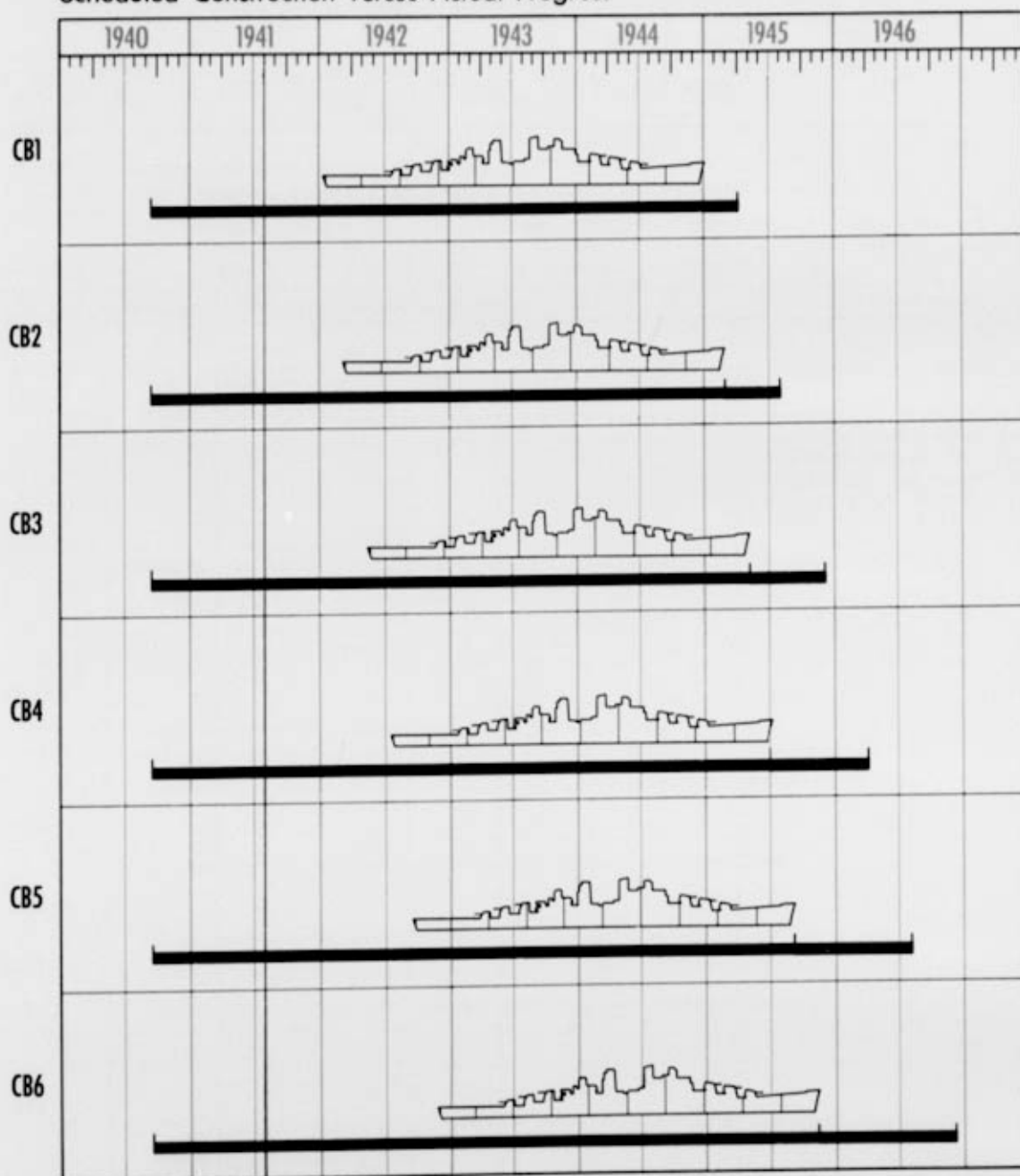
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$-000' s)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
New York S. B. Corp. Camden, N.J.							
CB1 - ALASKA	9/ 9/40	53,560	18,000	54-3/4	51-3/4		2/ 1/44*
CB2 - GUAM	9/ 9/40	53,560	18,000	58-3/4	53-3/4		3/ 1/44*
CB3 - HAWAII	9/ 9/40	53,560	18,000	62-3/4	55-3/4		5/15/44*
CB4 - PHILIPPINES	9/ 9/40	53,560	18,000	66-3/4	57-3/4		9/ 1/44*
CB5 - PUERTO RICO	9/ 9/40	53,560	18,000	70-3/4	59-3/4		11/ 1/44*
CB6 - SAMOA	9/ 9/40	53,560	18,000	74-3/4	61-3/4		1/ 1/45*

* Estimated Launching Dates

PROGRESS OF LARGE CRUISER CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 388½

TOTAL WORK MONTHS ESTIMATED . . . 340½

48 WORK MONTHS GAINED

STATISTICAL SUMMARY OF HEAVY CRUISERS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND 1 JUNE, 1940	COMPLETED		ON ORDER 1 AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Heavy Cruisers	18	0	0	8	0	0	0	0	8

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Heavy Cruisers	8	0	8	0	0	0	0

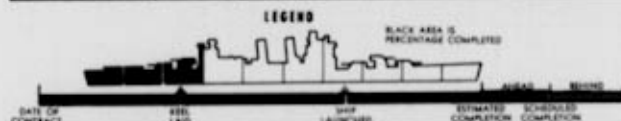
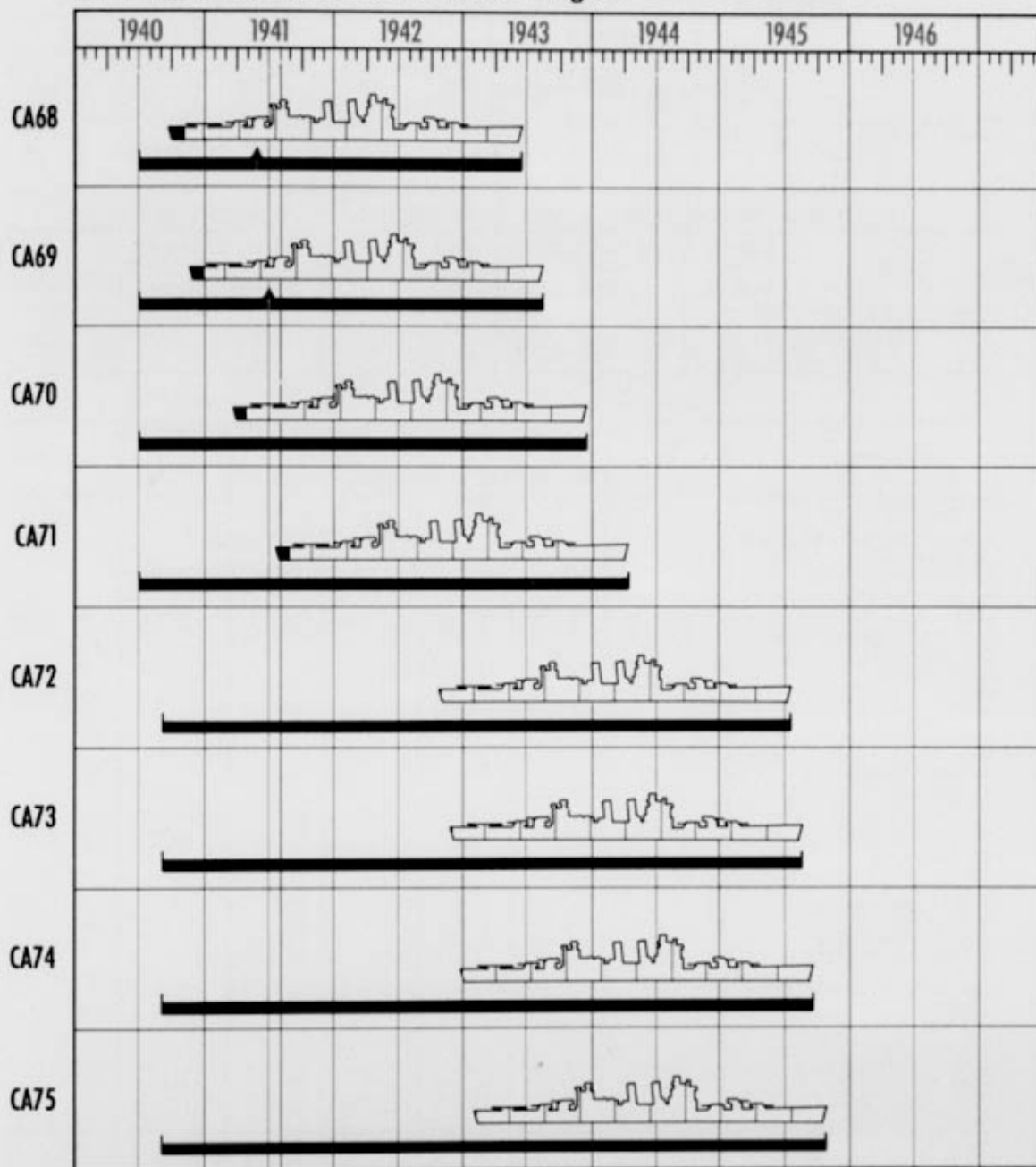
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000' S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
Bethlehem Steel Co., Fore River Plant Quincy, Mass.							
CA68 - BALTIMORE	7/ 1/40	28,050	11,500	35-1/2	35-1/2	5/26/41	9/ 1/42*
CA69 - BOSTON	7/ 1/40	28,050	11,500	37-1/2	37-1/2	6/30/41	10/ 1/42*
CA70 - PITTSBURGH	7/ 1/40	28,050	11,500	41-1/2	41-1/2		4/ 1/43*
CA71 - ST. PAUL	7/ 1/40	28,050	11,500	45-1/2	45-1/2		5/ 1/43*
CA72 - ALBANY	9/ 9/40	28,050	12,500	58-1/4	58-1/4		11/ 1/44*
CA73 - ROCHESTER	9/ 9/40	28,050	12,500	59-1/4	59-1/4		12/ 1/44*
CA74 - COLUMBUS	9/ 9/40	28,050	12,500	60-1/4	60-1/4		1/15/45*
CA75 - DES MOINES	9/ 9/40	28,050	12,500	61-1/4	61-1/4		2/15/45*

* Estimated Launching Dates

PROGRESS OF HEAVY CRUISER CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 399

TOTAL WORK MONTHS ESTIMATED . . . 399

STATISTICAL SUMMARY OF LIGHT CRUISERS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND JUNE, 1940	COMPLETED		ON ORDER AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Light Cruisers	19								
6,000 ton		0	0	8	0	1	3	0	4
10,000 ton		0	0	32	0	0	0	4	28

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Light Cruisers							
6,000 ton	8	0	4	0	0	2	2
10,000 ton	32	0	22	7	3	0	0

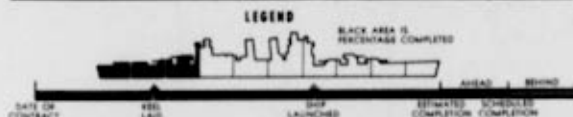
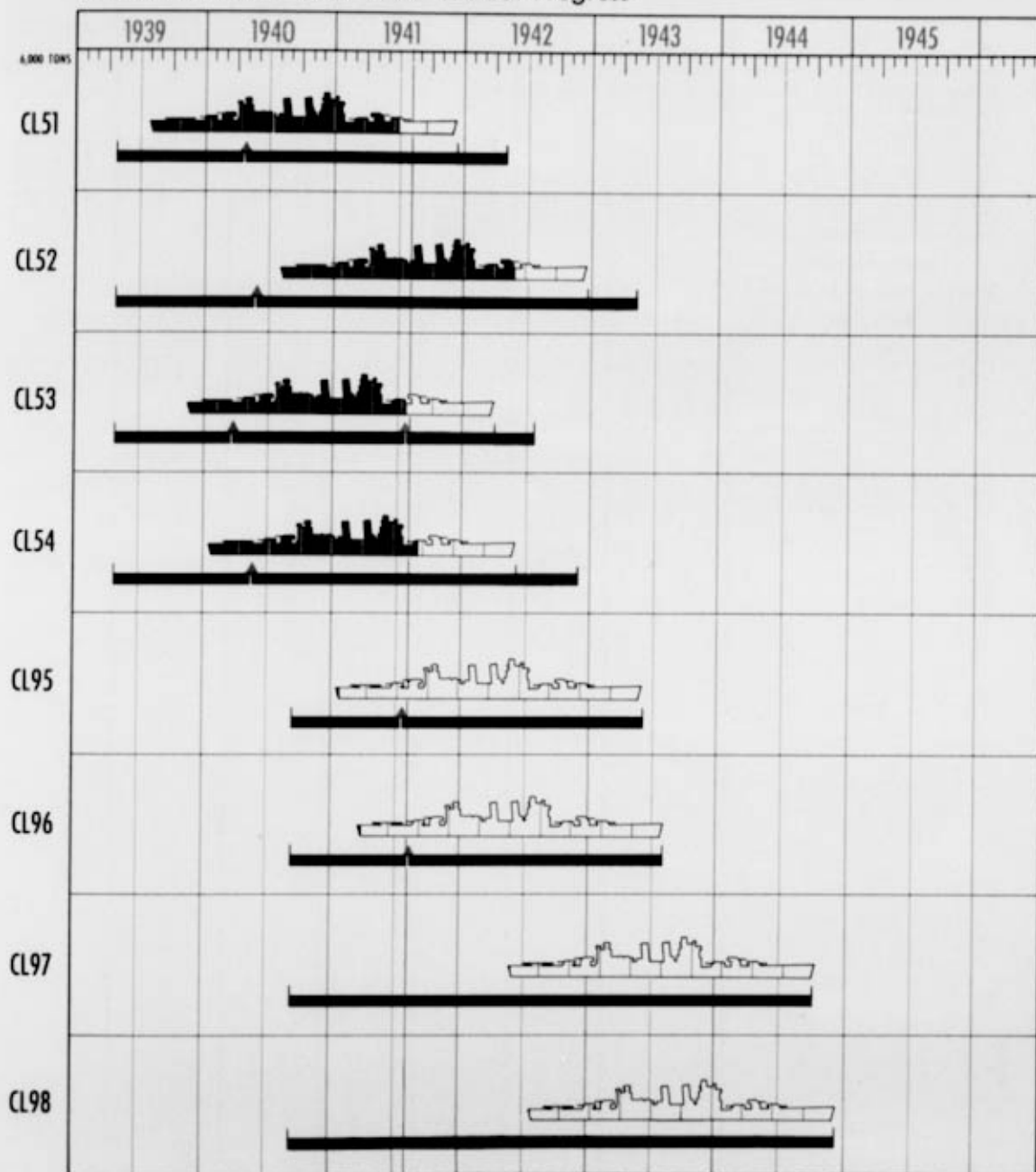
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000's)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
Federal Shipbuilding and Dry Dock Co., Kearny, N.J.							
(6,000 ton)							
CL61 - ATLANTA	4/25/39	15,759	6,750	36	31-1/2	4/22/40	8/ 9/41*
CL62 - JUNEAU	4/25/39	15,759	6,750	38	33-1/2	5/27/40	10/ 7/41*
(10,000 ton)							
CL85 - FARGO	9/ 9/40	23,175	11,500	45	39		5/29/43*
CL86 - CHEYENNE	9/ 9/40	23,175	11,500	51	46		1/29/44*
CL87 - DULUTH	9/ 9/40	23,175	11,500	57	51-3/4		7/29/44*
Bethlehem Steel Co., Fore River Plant Quincy, Mass.							
(6,000 ton)							
CL53 - SAN DIEGO	4/25/39	15,759	6,500	39	35-1/4	3/27/40	7/26/41
CL54 - SAN JUAN	4/25/39	15,759	6,500	41	37-1/4	5/15/40	9/ 6/41*
(10,000 ton)							
CL64 - FLINT	7/ 1/40	22,525	11,000	41	41		7/ 1/43*
CL65 - PASADENA	7/ 1/40	22,525	11,000	47	47		1/ 1/44*
CL66 - SPRINGFIELD	7/ 1/40	22,525	11,000	50	50		2/ 1/44*
CL67 - TOPEKA	7/ 1/40	22,525	11,000	52	52		3/ 1/44*
CL82 - PROVIDENCE	9/ 9/40	22,525	11,500	63	62-1/4		4/ 1/45*
CL83 - MANCHESTER	9/ 9/40	22,525	11,500	65	63-3/4		7/ 1/45*
New York Shipbuilding Corp. Camden, N.J.							
(10,000 ton)							
CL55 - CLEVELAND	3/23/40	22,000	10,500	36	27-1/4	7/ 1/40	11/ 1/41*
CL56 - COLUMBIA	3/23/40	22,000	10,500	39	29-1/4	8/19/40	12/20/41*
CL57 - MONTPELIER	6/12/40	21,525	11,500	36-1/2	28-1/2	12/ 2/40	4/ 1/42*
CL58 - DENVER	6/12/40	21,525	11,500	39-1/2	30-1/2	12/26/40	5/ 1/42*
CL59 - AMSTERDAM	7/ 1/40	22,616	11,000	40-1/2	33	5/ 1/41	8/ 1/42*
CL60 - SANTA FE	7/ 1/40	22,616	11,000	42-1/2	35	6/ 7/41	9/ 1/42*
CL61 - TALLAHASSEE	7/ 1/40	22,616	11,000	44-1/2	37	6/ 2/41	10/ 1/42*
CL76 - NEW HAVEN	9/ 9/40	22,615	11,500	44-1/4	36-3/4		12/ 1/42*
CL77 - HUNTINGTON	9/ 9/40	22,615	11,500	57-3/4	37-3/4		12/20/42*
CL78 - DAYTON	9/ 9/40	22,615	11,500	59-3/4	40-3/4		5/ 1/43*
CL79 - WILMINGTON	9/ 9/40	22,615	11,500	61-3/4	42-3/4		7/ 1/43*
CL99 - BUFFALO	12/16/40	22,615	11,500	60-1/2	42-1/2		2/15/44*
CL100 - NEWARK	12/16/40	22,615	11,500	62-1/2	45-1/2		4/15/44*

*Estimated Launching Dates

PROGRESS OF LIGHT CRUISER CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 1856

TOTAL WORK MONTHS ESTIMATED . . . 1438 1/2

220 1/4 WORK MONTHS GAINED

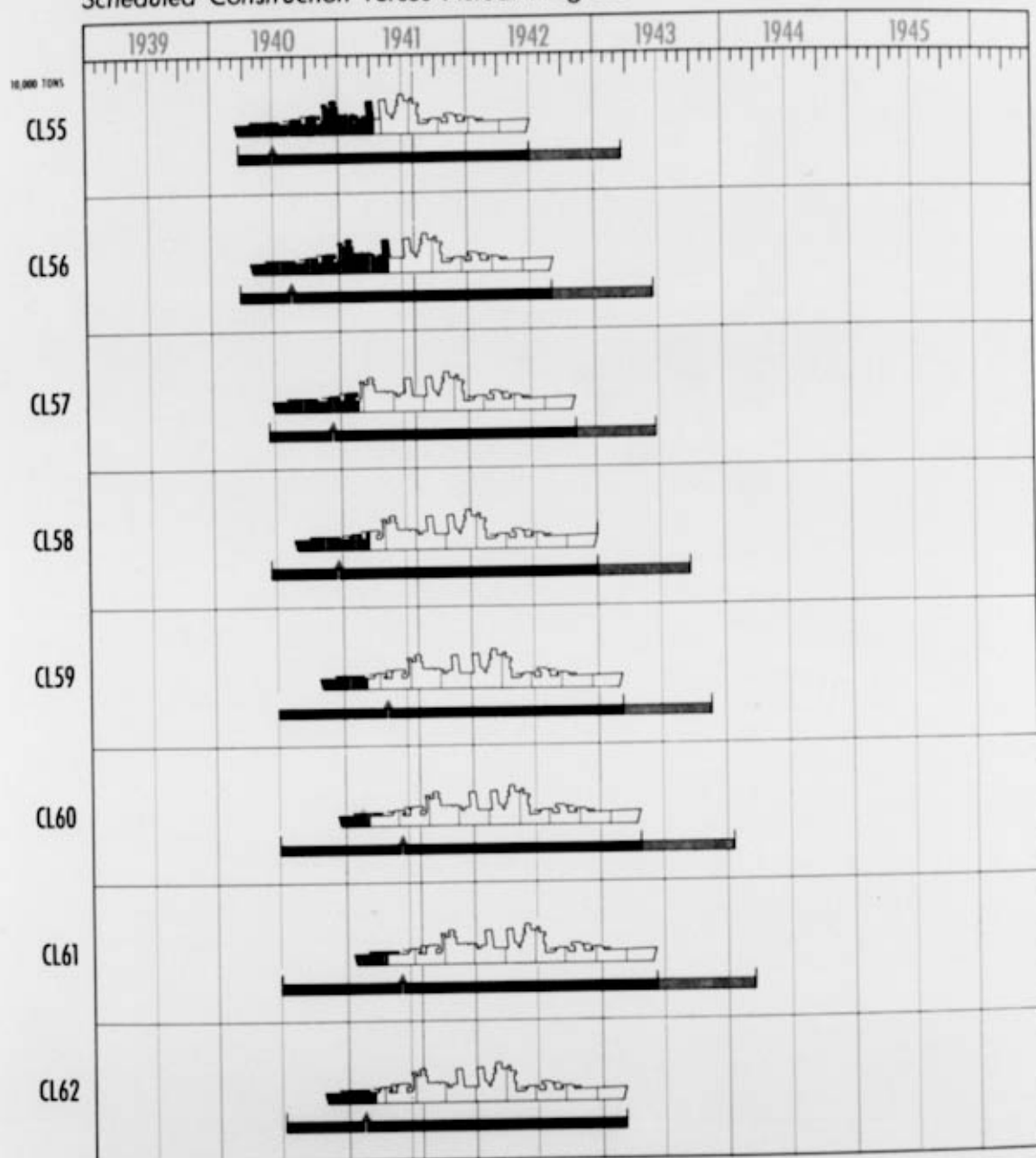
STATISTICAL SUMMARY OF LIGHT CRUISERS

VESSELS	DATE OF	ESTIMATED COST (\$ - 000' S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
	CONTRACT	C & M	AA & A	SCHED.	EST.		
Cramp Shipbuilding Co., Philadelphia, Pa.							
(10,000 ton)							
CL89 - MIAMI	9/11/40	21,995	11,500	39-1/2	36-1/2	8/ 2/41	2/ 1/43*
CL90 - WILKES-BARRE	9/11/40	21,995	11,500	45-1/2	38-1/2		7/ 4/43*
CL91 - OKLAHOMA CITY	9/11/40	21,995	11,500	51-1/2	47		12/ 3/43*
CL92 - LITTLE ROCK	9/11/40	21,995	11,500	55-1/2	51-3/4		5/ 7/44*
CL93 - GALVESTON	9/11/40	21,995	11,500	59-1/2	57		10/ 8/44*
CL94 - YOUNGSTOWN	9/11/40	21,995	11,500	63-1/2	61-1/2		2/ 1/45*
SOUTH ATLANTIC							
Newport News S.B. & Dry Dock Co., Newport News, Va.							
(10,000 ton)							
CL62 - BIRMINGHAM	7/ 3/40	23,260	11,000	32	32	2/17/41	3/20/42*
CL63 - MOBILE	7/ 3/40	23,260	11,000	35	35	4/14/41	6/ 5/42*
CL80 - BILOXI	9/ 9/40	23,260	11,500	38	36	7/ 9/41	8/14/42*
CL81 - VICKSBURG	9/ 9/40	23,260	11,500	42	40-3/4	8/ 4/41	2/ 1/43*
WEST COAST							
Bethlehem Steel Co., San Francisco Plant, San Francisco, Cal.							
(6,000 ton)							
CL95 - OAKLAND	9/ 9/40	18,230	7,500	33	32-3/4	7/15/41	10/ 1/42*
CL96 - RENO	9/ 9/40	18,230	7,500	35	34-3/4	8/ 1/41	12/ 1/42*
CL97 - SPOKANE	9/ 9/40	18,230	7,500	37	36-3/4		2/ 1/44*
CL98 - TUCSON	9/ 9/40	18,230	7,500	39	38-3/4		4/ 1/44*

* Estimated Launching Dates

PROGRESS OF LIGHT CRUISER CONSTRUCTION

Scheduled Construction versus Actual Progress



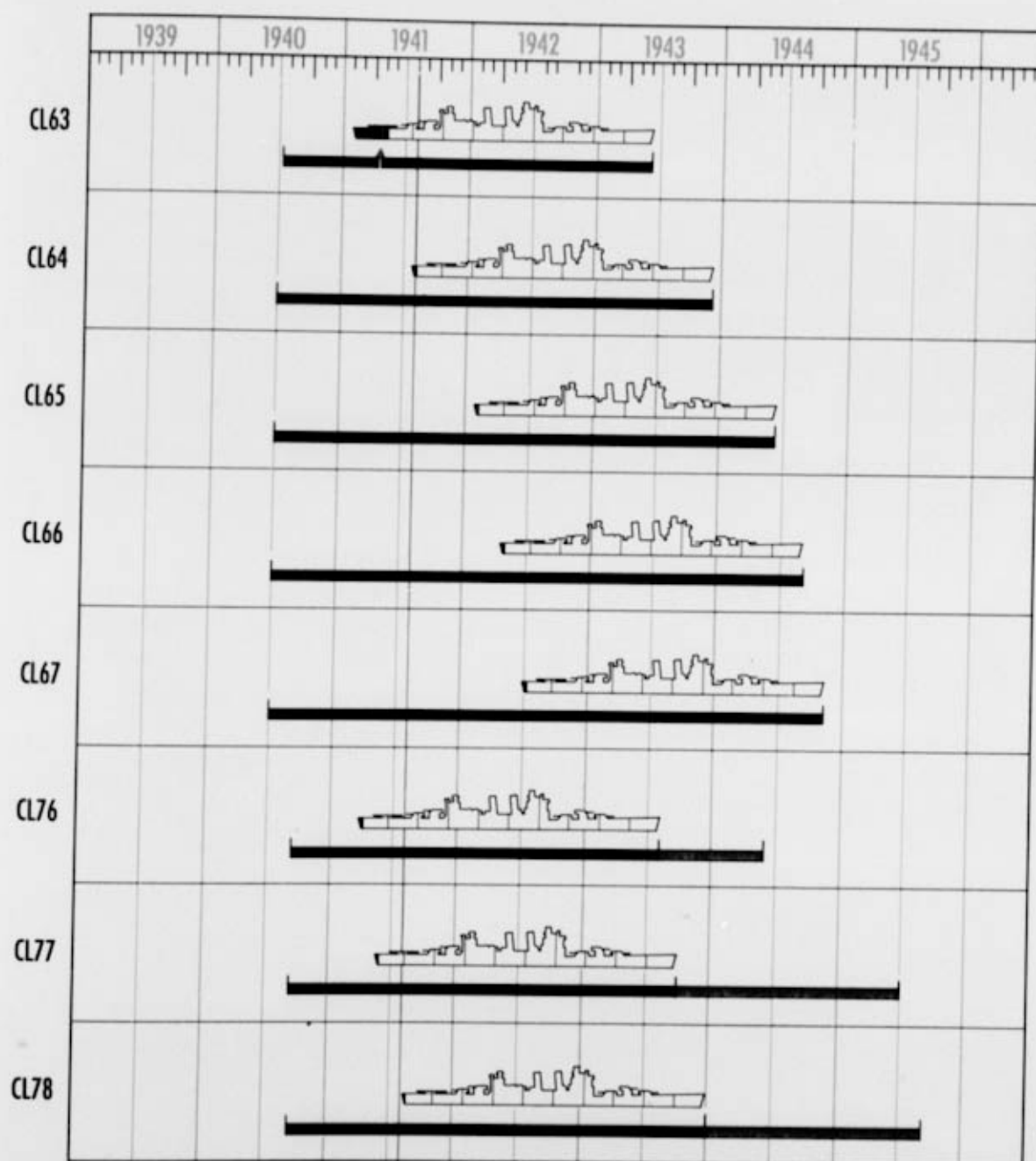


CHART 1 Part 2

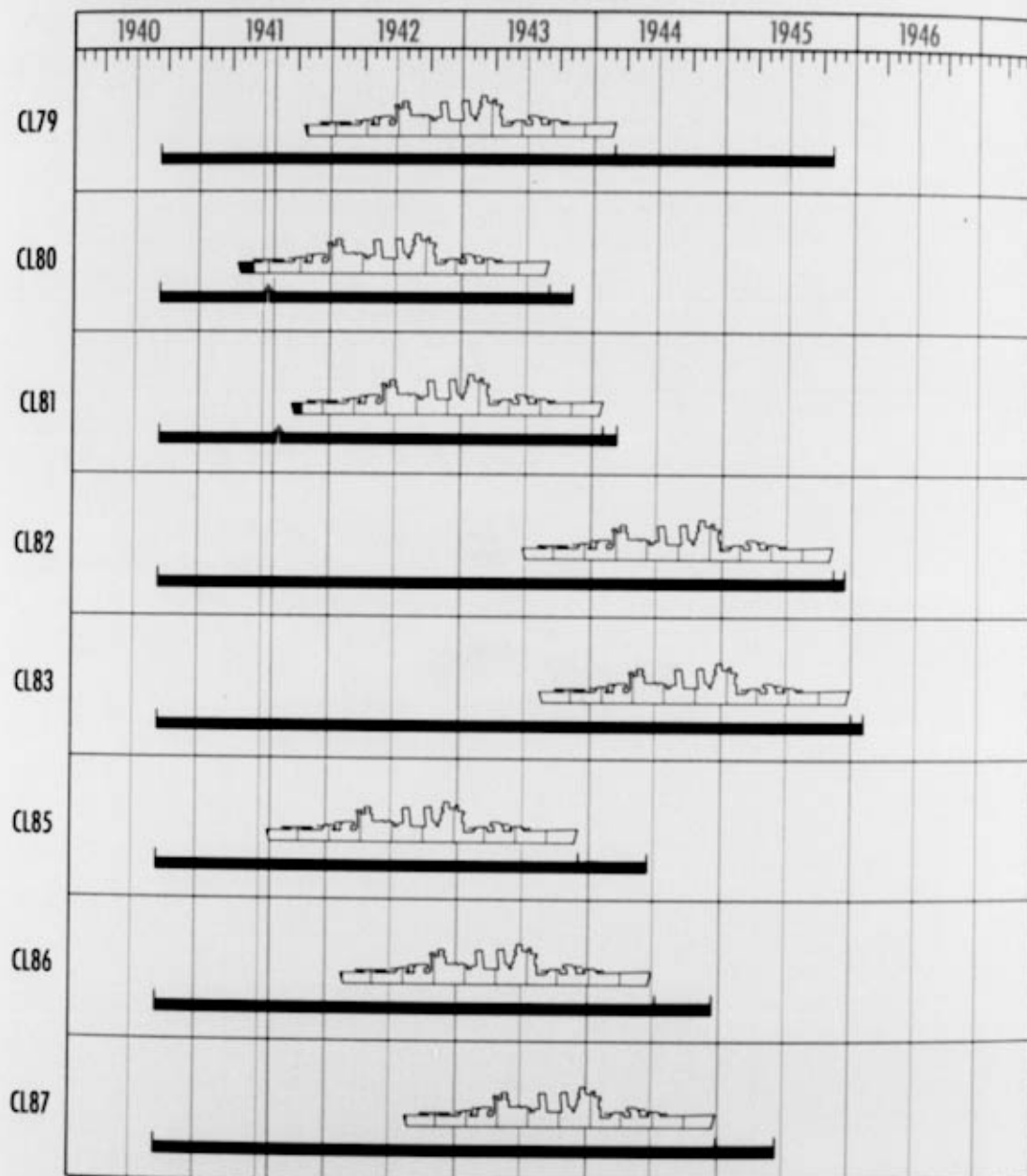
LIGHT CRUISERS



PROGRESS OF LIGHT CRUISER CONSTRUCTION

8

Scheduled Construction versus Actual Progress



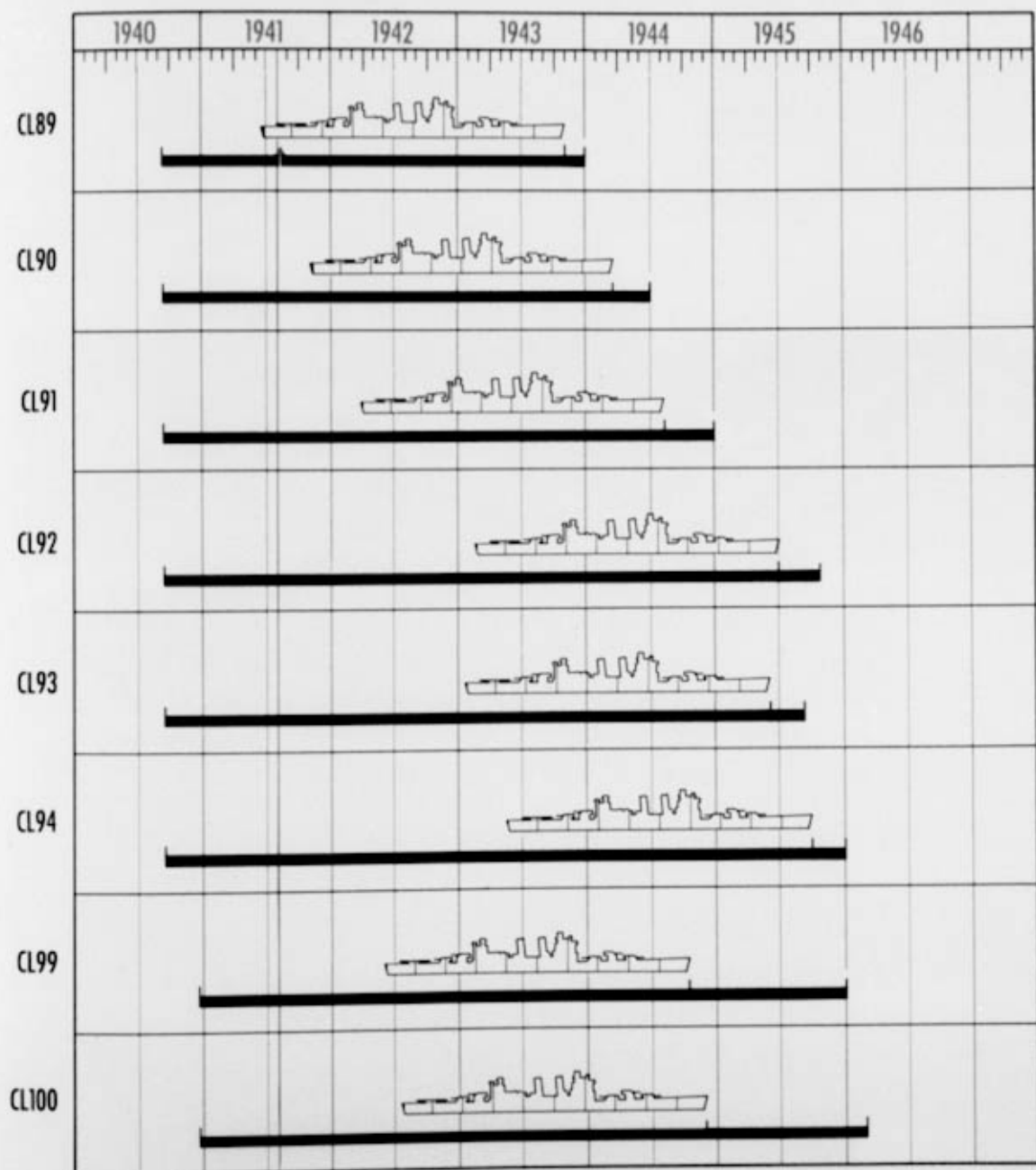


CHART 9 Part 2

LIGHT CRUISERS

STATISTICAL SUMMARY OF SUBMARINES

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND JUNE, 1940	COMPLETED		ON ORDER 1 AUG. 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940- JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Submarines New	32	12	0	74	0	2	12	14	46
Submarines Old	68								

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Submarines	74	0	42	17	7	6	2

VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

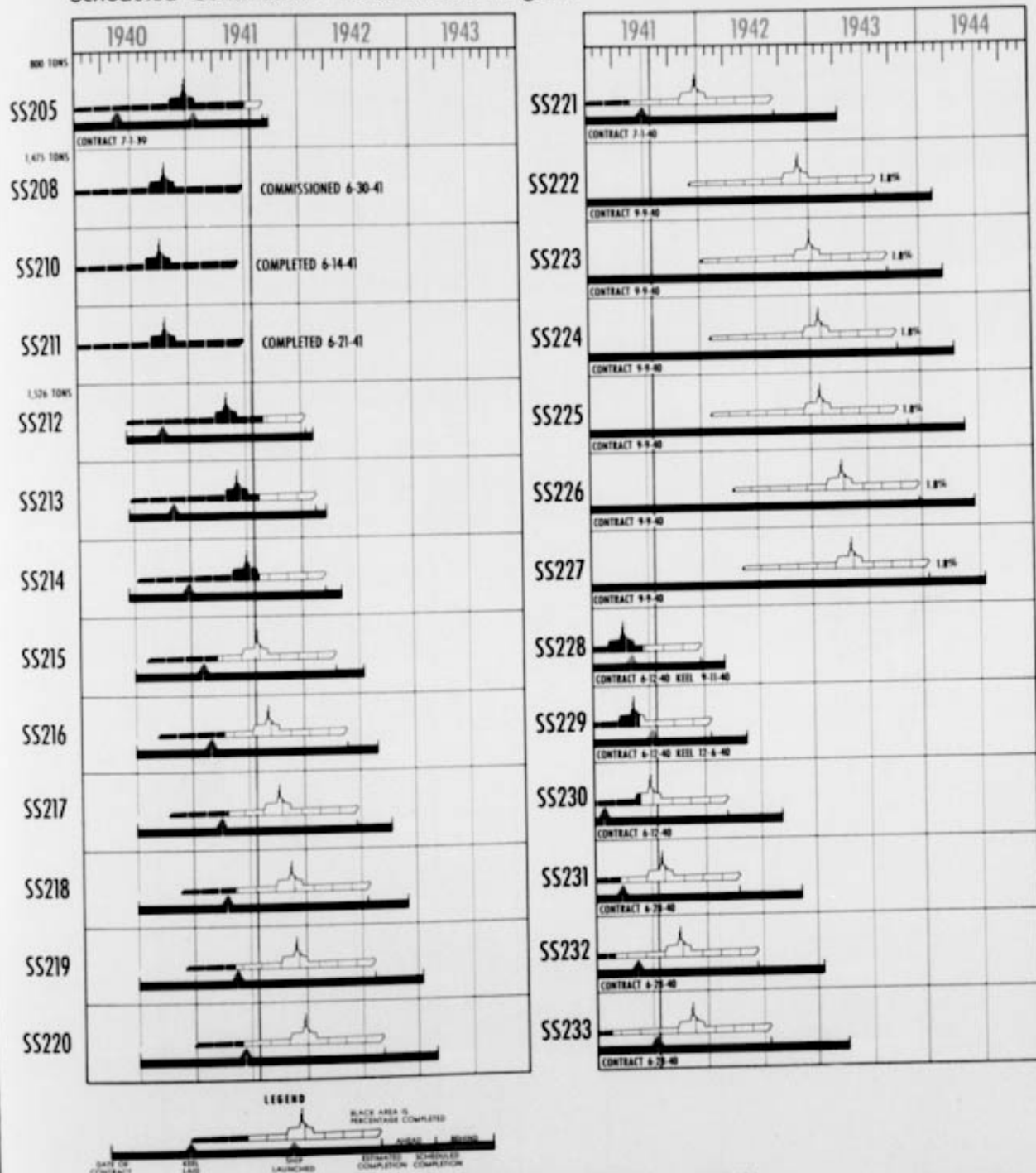
VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$-000' s)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
N. Y. Portsmouth							
SS 205 MARLIN(800)	7/ 1/39	3,805	515	27	26-1/2	5/28/40	1/29/41
SS 228 DRUM	6/12/40	6,545	1,025	21	18	9/11/40	5/12/41
SS 229 FLYING FISH	6/12/40	6,545	1,025	23-1/2	19-1/2	12/ 6/40	7/ 9/41
SS 230 PINBACK	6/12/40	6,545	1,025	27	20-3/4	2/ 5/41	8/25/41*
SS 231 HADDOCK	6/28/40	6,465	1,025	28-1/2	22	3/31/41	10/20/41*
SS 232 HALIBUT	6/28/40	6,465	1,025	31	23-1/4	5/16/41	12/ 3/41*
SS 233 HERRING	6/28/40	6,465	1,025	33-1/2	25	7/14/41	1/15/42*
SS 234 KINGFISH	6/28/40	6,465	1,025	36	26-1/4		2/25/42*
SS 235 SHAD	6/28/40	6,465	1,025	38-1/2	27-1/2		4/24/42
SS 275 RUNNER	9/ 9/40	6,532	1,100	31-3/4	26-1/2		6/ 8/42*
SS 276 SAWFISH	9/ 9/40	6,532	1,100	33-3/4	28		7/16/42*
SS 277 SCAMP	9/ 9/40	6,532	1,100	35-3/4	29-1/2		8/29/42*
SS 278 SCORPION	9/ 9/40	6,532	1,100	37-3/4	31		10/27/42*
SS 279 SNOOK	9/ 9/40	6,532	1,100	39-3/4	32-1/2		12/ 8/42*
SS 280 STEELHEAD	9/ 9/40	6,532	1,100	41-3/4	33-1/2		1/16/43*
Electric Boat Co. Groton, Conn.							
SS 212 GATO	6/12/40	5,441	1,025	20	19-1/4	10/ 5/40	8/21/41*
SS 213 GREENLING	6/12/40	5,441	1,025	21-1/2	20-1/4	11/12/40	9/20/41*
SS 214 GROUPER	6/12/40	5,441	1,025	23	21-3/4	12/28/40	10/21/41*
SS 215 GROWLER	7/ 1/40	5,217	1,025	24-1/2	21-3/4	2/10/41	11/21/41*
SS 216 GRUNION	7/ 1/40	5,217	1,025	26	22-3/4	3/ 1/41	12/20/41*
SS 217 GUARDFISH	7/ 1/40	5,217	1,025	27-1/2	23-3/4	4/ 1/41	1/21/42*
SS 218 ALBACORE	7/ 1/40	5,217	1,025	29	24-1/2	4/21/41	2/14/42*
SS 219 AMBER JACK	7/ 1/40	5,217	1,025	30-1/2	25-1/4	5/15/41	3/ 7/42*
SS 220 BARB	7/ 1/40	5,217	1,025	32	26	6/ 7/41	4/ 1/42*
SS 221 BLACKFISH	7/ 1/40	5,217	1,025	33-1/2	26-3/4	7/ 1/41	4/21/42*
SS 222 BLUEFISH	9/ 9/40	5,187	1,025	41-1/2	35-1/4		3/20/43*
SS 223 BONEFISH	9/ 9/40	5,187	1,025	42-1/2	36-1/2		4/21/43*
SS 224 COD	9/ 9/40	5,187	1,025	43-1/2	37-1/2		5/21/43*
SS 225 CERO	9/ 9/40	5,187	1,025	44-1/2	38-1/2		6/21/43*
SS 226 CORVINA	9/ 9/40	5,187	1,025	45-1/2	39-1/2		7/21/43*
SS 227 DARTER	9/ 9/40	5,293	1,025	46-1/2	40-1/2		8/21/43*
SS 240 ANGLER	9/ 9/40	5,293	1,100	47-1/2	41-1/4		9/14/43*
SS 241 BASHAW	9/ 9/40	5,293	1,100	48-1/2	42		10/ 7/43*
SS 242 BLUEGILL	9/ 9/40	5,293	1,100	49-1/2	42-3/4		11/ 1/43*
SS 243 BREAM	9/ 9/40	5,293	1,100	50-1/2	43-1/4		11/20/43*
SS 244 CAVALLA	9/ 9/40	5,293	1,100	51-1/2	44-1/4		12/15/43*
SS 245 COBIA	9/ 9/40	5,293	1,100	52-1/2	45		1/ 7/44*
SS 246 CROAKER	9/ 9/40	5,293	1,100	53-1/2	46		2/ 7/44*
SS 247 DACE	9/ 9/40	5,293	1,100	54-1/2	47		3/ 7/44*
SS 248 DORADO	9/ 9/40	5,293	1,100	55-1/2	48		4/ 7/44*
SS 249 FLASHER	9/ 9/40	5,293	1,100	56-1/2	49		5/ 6/44*
SS 250 FLIER	9/ 9/40	5,293	1,100	57-1/2	50		6/ 7/44*
SS 251 FLOUNDER	9/ 9/40	5,293	1,100	58-1/2	51		7/ 1/44*

* Estimated Launching Dates

CHART 10 Part 1

PROGRESS OF SUBMARINE CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 2905½

TOTAL WORK MONTHS ESTIMATED . . . 2471¾

433¾ WORK MONTHS GAINED

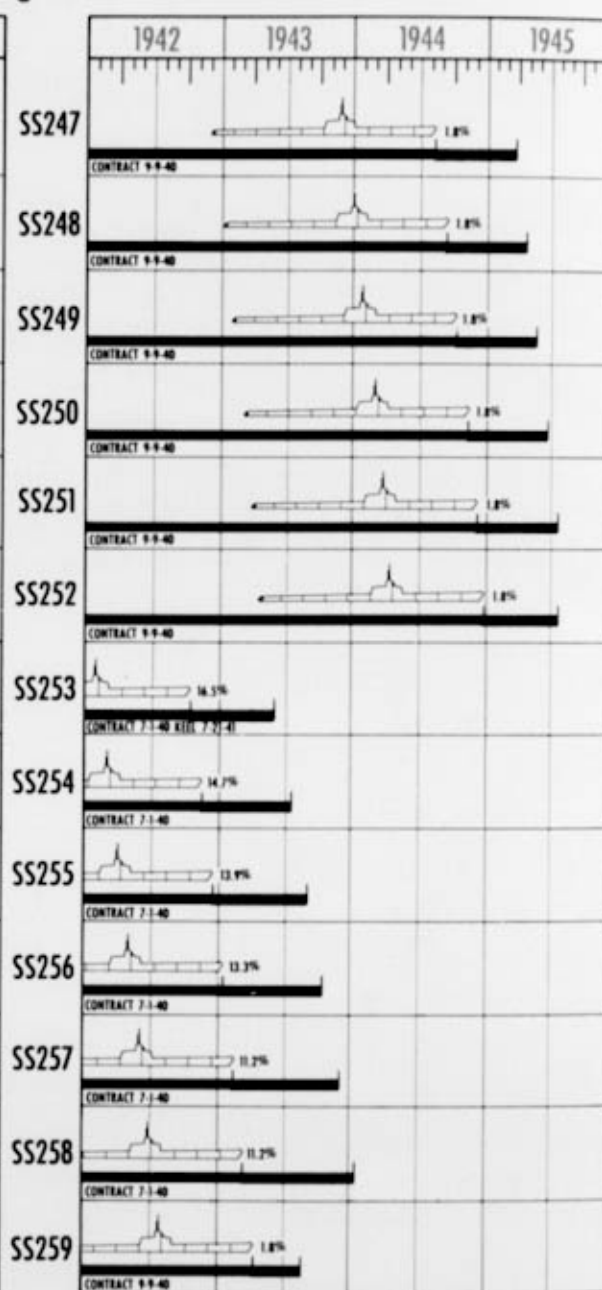
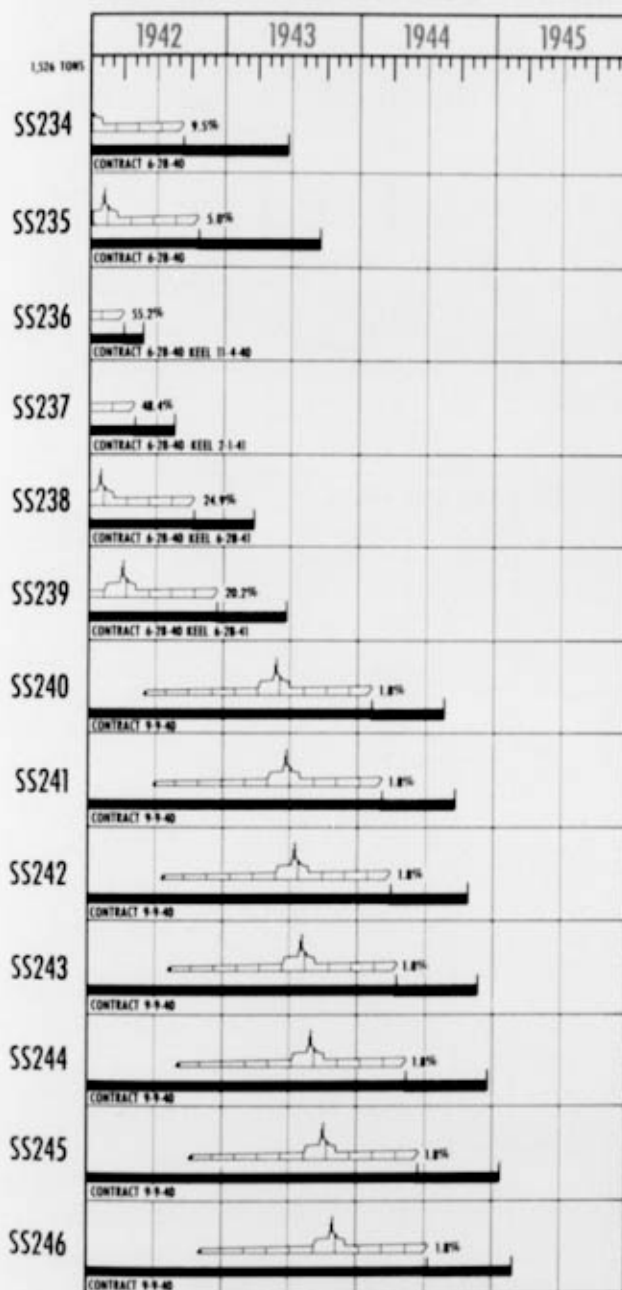
STATISTICAL SUMMARY OF SUBMARINES

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$-000' s)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
Electric Boat Co. (Cont'd)							
SS 252 GABLAN	9/ 9/40	5,293	1,100	59-1/2	51-1/2	7/21/41	7/21/44*
SS 253 GUNNEL	7/ 1/40	5,437	1,100	35	27-1/2		5/15/42*
SS 254 GURNARD	7/ 1/40	5,437	1,100	36-1/2	28-1/4		6/ 6/42*
SS 255 HADDO	7/ 1/40	5,437	1,100	38	29-1/4		7/ 7/42*
SS 256 HAKE	7/ 1/40	5,437	1,100	39-1/2	30-1/4		8/ 7/42*
SS 257 HARDER	7/ 1/40	5,450	1,100	41	31		9/ 8/42*
SS 258 HOE	7/ 1/40	5,450	1,100	42-1/2	32		10/ 7/42*
SS 259 JACK	9/ 9/40	5,420	1,100	35-1/2	31		11/ 7/42*
SS 260 LAPON	9/ 9/40	5,420	1,100	36-1/2	31-3/4		12/ 1/42*
SS 261 MINOO	9/ 9/40	5,420	1,100	37-1/2	32-1/2		12/21/42*
SS 262 MUSKALLUNOE	9/ 9/40	5,420	1,100	38-1/2	33-1/4		1/15/43*
SS 263 PADDLE	9/ 9/40	5,420	1,100	39-1/2	34		2/ 6/43*
SS 264 PARGO	9/ 9/40	5,420	1,100	40-1/2	34-3/4		3/ 1/43*
GREAT LAKES							
Manitowoc Shipbuilding Co., Manitowoc, Wisc.							
SS 265 PETO	9/ 9/40	5,455	1,100	35	33	6/18/41	6/15/42*
SS 266 POOY	9/ 9/40	5,455	1,100	38	36		9/15/42*
SS 267 POMPON	9/ 9/40	5,455	1,100	41	38-1/2		12/10/42*
SS 268 PUFFER	9/ 9/40	5,455	1,100	43	41		2/24/43*
SS 269 RASHER	9/ 9/40	5,455	1,100	45	43-1/4		5/ 8/43*
SS 270 RATON	9/ 9/40	5,455	1,100	52	45-1/2		7/18/43*
SS 271 RAY	9/ 9/40	5,455	1,100	54	48		9/27/43*
SS 272 REDFIN	9/ 9/40	5,455	1,100	56	51		12/ 6/43*
SS 273 ROBALO	9/ 9/40	5,455	1,100	58	52		2/12/44*
SS 274 ROCK	9/ 9/40	5,455	1,100	60	54		4/ 9/44*
WEST COAST							
Navy Yard, Mare Is. Mare Island, Calif.							
SS 236 SILVERSIDES	6/28/40	6,056	1,025	23	21	11/ 4/40 2/ 1/41 6/28/41 6/28/41	8/26/41*
SS 237 TRIGGER	6/28/40	6,056	1,025	26	22		10/22/41*
SS 238 WAHOO	6/28/40	6,056	1,025	33	27-1/2		2/14/42*
SS 239 WHALE	6/28/40	6,056	1,025	36	29-1/2		3/14/42*
SS 281 SUNFISH	9/ 9/40	6,037	1,100	36-3/4	26-1/4		5/ 1/42*
SS 282 TUNNY	9/ 9/40	6,037	1,100	39-3/4	28-1/4		7/ 1/42*
SS 283 TINOSA	4/29/41	6,042	1,100	27	24		10/ 1/42*
SS 284 TULLIBEE	4/29/41	6,042	1,100	28	25		11/ 2/42*

* Estimated Launching Dates

PROGRESS OF SUBMARINE CONSTRUCTION

Scheduled Construction versus Actual Progress



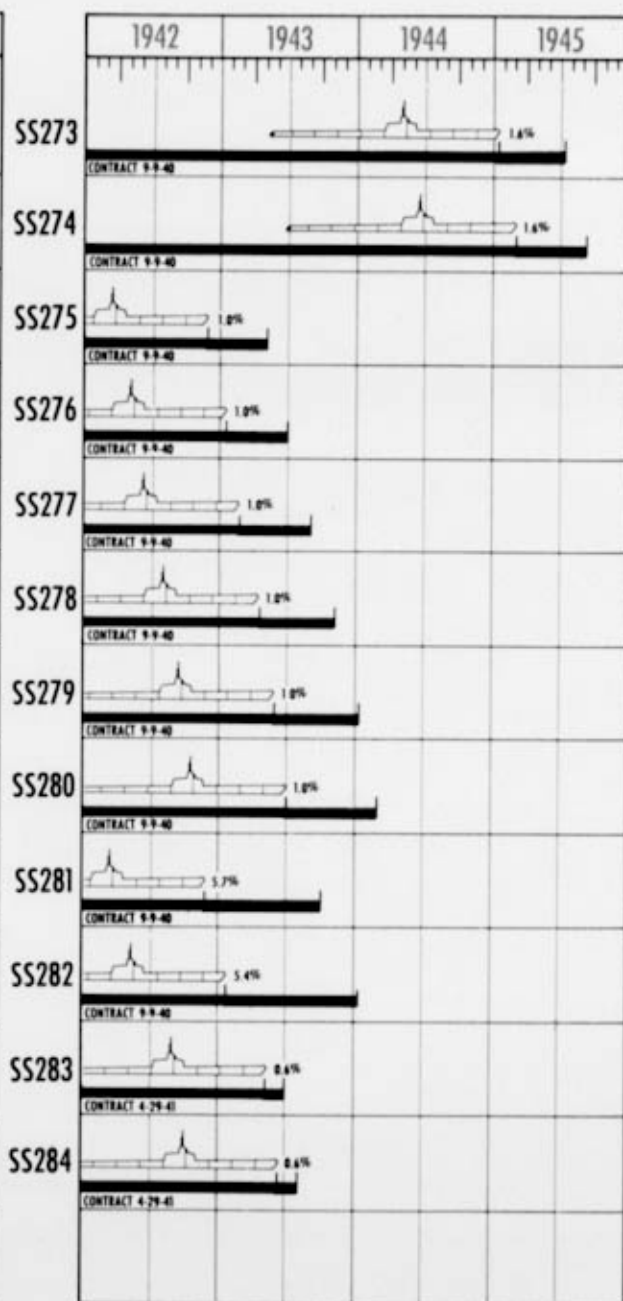
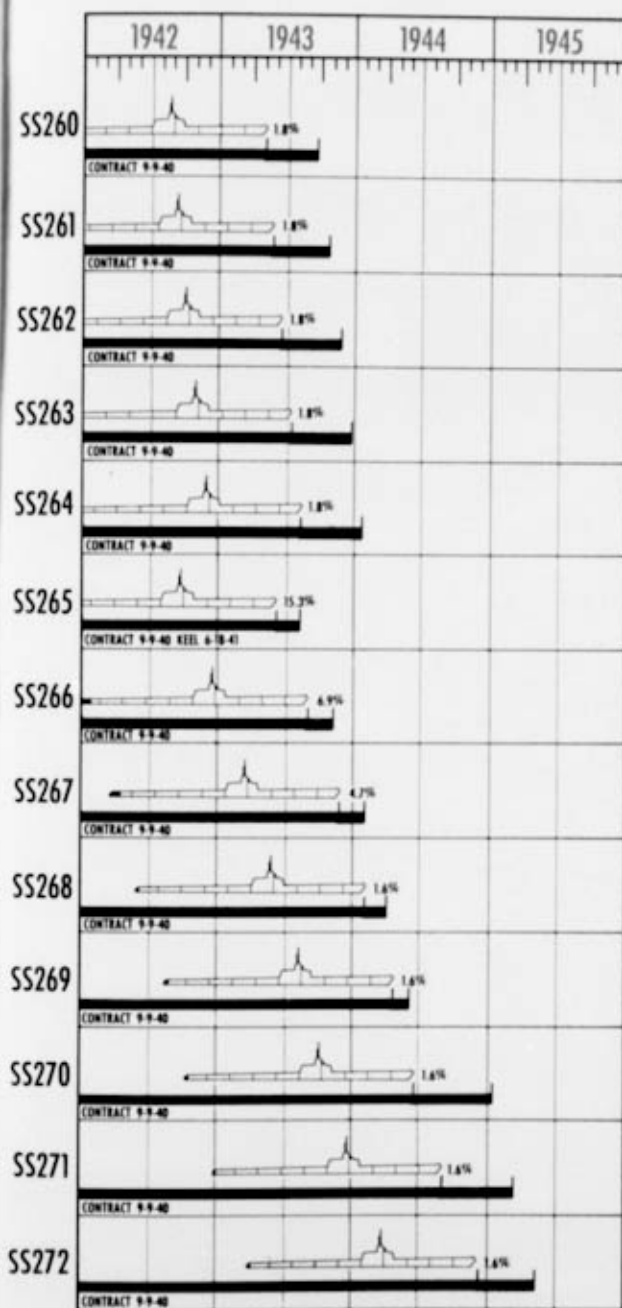


CHART 10 Part 2

SUBMARINES

STATISTICAL SUMMARY OF DESTROYERS

SHIPBUILDING SCHEDULE - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	ON HAND 1 JUNE, 1940	COMPLETED		ON ORDER 1 AUG., 1941	OVER DUE	COMPLETION DATES			
		JULY, 1940-JUNE, 1941	JULY, 1941			AUG.-DEC., 1941 EST.	JAN.-JUNE, 1942 EST.	JULY-DEC., 1942 EST.	1943 ON EST.
Destroyers New Old	72 123								
Destroyers 1,630 ton 2,100 ton		22	2	73 121	0 0	7 0	14 5	29 10	23 106

PERCENT OF COMPLETION - VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

TYPE	SHIPS ON ORDER	CONSTRUCTION NOT BEGUN	DISTRIBUTION OF SHIPS BY PERCENT OF COMPLETION				
			0-5%	5-25%	25-50%	50-75%	75-99%
Destroyers 1,630 ton	73	4	19	33	8	6	3
2,100 ton	121	7	99	15	0	0	0

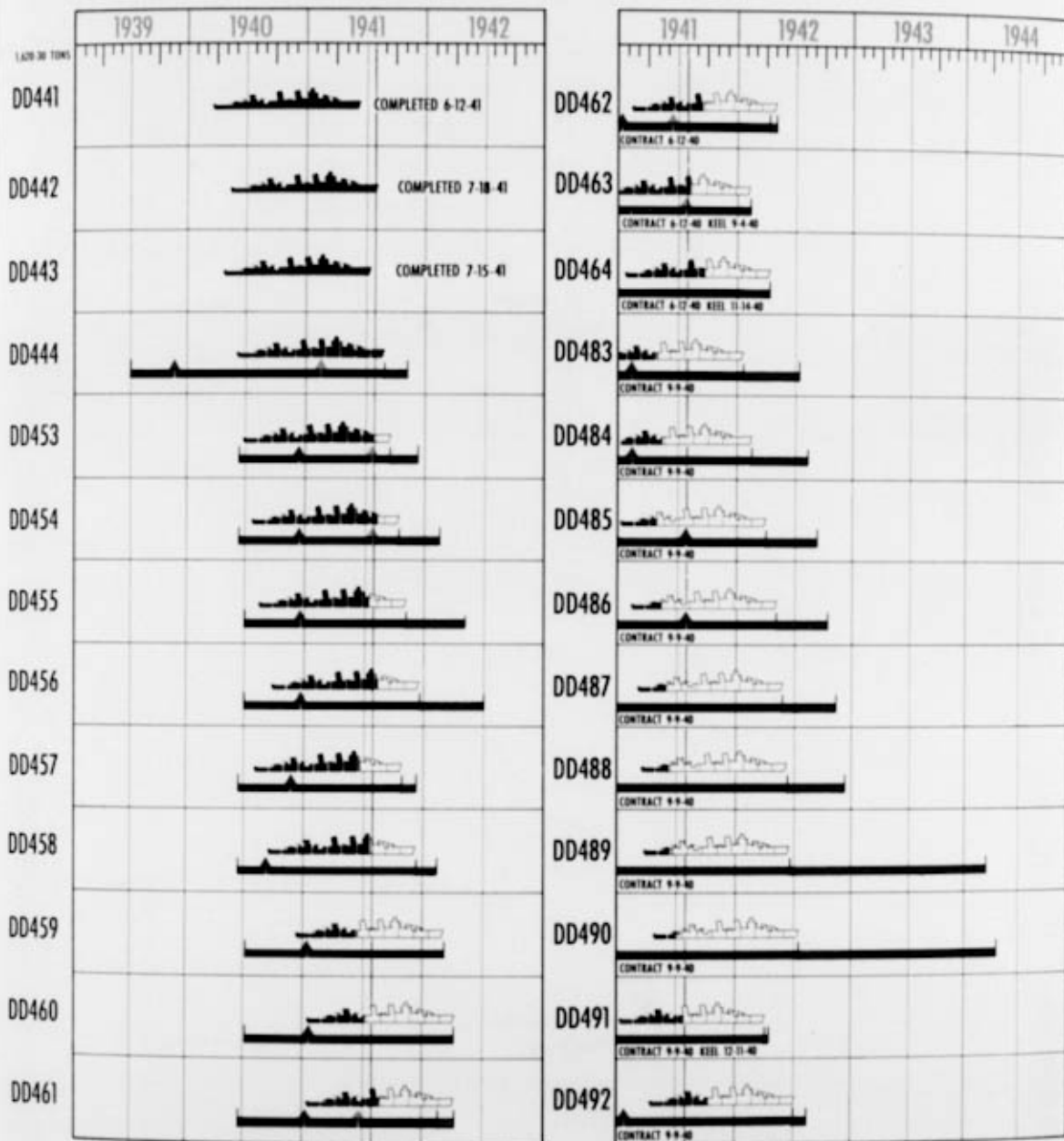
VESSELS UNDER CONSTRUCTION - 1 AUGUST, 1941

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000'S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
NORTH ATLANTIC							
Bath Iron Works Corp. Bath, Maine							
(1620 and 1630 ton)							
DD 457 EMMONS	6/12/40	6,170	3,700	18	16-1/2	11/14/40	8/23/41*
DD 458 MACOMB	6/12/40	6,170	3,700	20	17-1/2	9/ 3/40	9/ 4/41*
(2,100 ton)							
DD 449 NICHOLAS	7/ 1/40	8,274	3,700	30-1/4	20	3/ 3/41	12/18/41*
DD 450 O'BANNON	7/ 1/40	8,274	3,700	31-3/4	21	3/ 3/41	1/29/42*
DD 451 CHEVALIER	7/ 1/40	8,274	3,700	32-3/4	22	4/30/41	2/26/42*
DD 467 STRONG	7/ 1/40	8,274	3,700	33-3/4	23	4/30/41	3/30/42*
DD 468 TAYLOR	7/ 1/40	8,274	3,700	35-1/4	24		4/30/42*
DD 469 DE HAVEN	7/ 1/40	8,274	3,700	37-1/4	25		5/30/42*
DD 507 CONWAY	9/ 9/40	8,274	3,500	29-3/4	24		6/30/42*
DD 508 CONY	9/ 9/40	8,274	3,500	30-3/4	25		7/30/42*
DD 509 CONVERSE	9/ 9/40	8,274	3,500	36-3/4	26		8/29/42*
DD 510 EATON	9/ 9/40	8,274	3,500	37-3/4	27		9/30/42*
DD 511 FOOTE	9/ 9/40	8,274	3,500	39-3/4	28		10/30/42*
DD 512 SPENCE	9/ 9/40	8,274	3,500	39-3/4	29		11/30/42*
DD 513 TERRY	9/ 9/40	8,274	3,500	39-3/4	30		12/30/42*
DD 514 THATCHER	9/ 9/40	8,274	3,500	39-3/4	31		1/30/43*
DD 515 ANTHONY	9/ 9/40	8,274	3,500	39-3/4	32		2/27/43*
DD 516 WADSWORTH	9/ 9/40	8,274	3,500	39-3/4	33		3/30/43*
DD 517 WALKER	9/ 9/40	8,274	3,500	40	34		4/30/43*
DD 629 ABBOT	12/16/40	8,274	3,200	37-1/2	31-1/2		5/29/43*
DD 630 BRAINE	12/16/40	8,274	3,200	38-1/2	32-1/2		6/30/43*
DD 631 ERSEN	12/16/40	8,274	3,200	39-1/2	33-1/2		7/30/43*
DD 642 HALE	12/16/40	8,274	3,100	43-1/2	34-1/2		8/30/43*
DD 643 SIGOURNEY	12/16/40	8,274	3,100	46-1/2	36-1/2		9/30/43*
DD 644 STEMBEL	12/16/40	8,274	3,100	48-1/2	36-1/2		10/30/43*
Bethlehem Steel Co. Fore River Plant, Quincy, Massachusetts							
(1,620 and 1,630 ton)							
DD 598 BANCROFT	12/16/40	7,296	2,700	22-1/2	19-1/2	5/ 1/41	5/ 1/42*
DD 599 BARTON	12/16/40	7,296	2,700	23-1/2	20-1/2	5/20/41	6/ 1/42*
DD 600 BOYLE	12/16/40	7,296	2,700	35-1/2	35-1/2		6/ 1/43*
DD 601 CHAMPLIN	12/16/40	7,296	2,700	36-1/2	36-1/2		7/ 1/43*
Bethlehem Steel Co. Staten Island Plant, New York, New York							
(1,620 and 1,630 ton)							
DD 491 FARENHOLT	9/ 9/40	7,295	3,250	19	19	12/11/40	10/ 1/41*
DD 492 BAILEY	9/ 9/40	7,295	3,250	23	22	1/29/41	1/ 1/42*

* Estimated Launching Dates

PROGRESS OF DESTROYER CONSTRUCTION

Scheduled Construction versus Actual Progress



TOTAL WORK MONTHS SCHEDULED . . . 6870

TOTAL WORK MONTHS ESTIMATED . . . 6181

689 WORK MONTHS GAINED



44

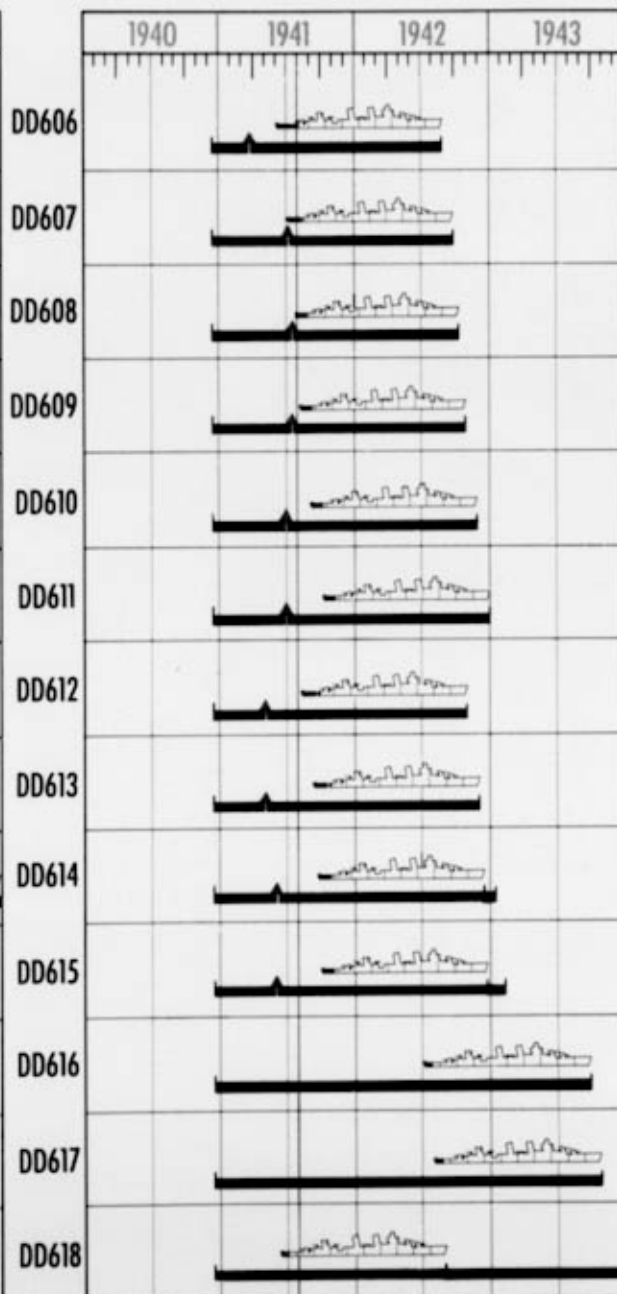
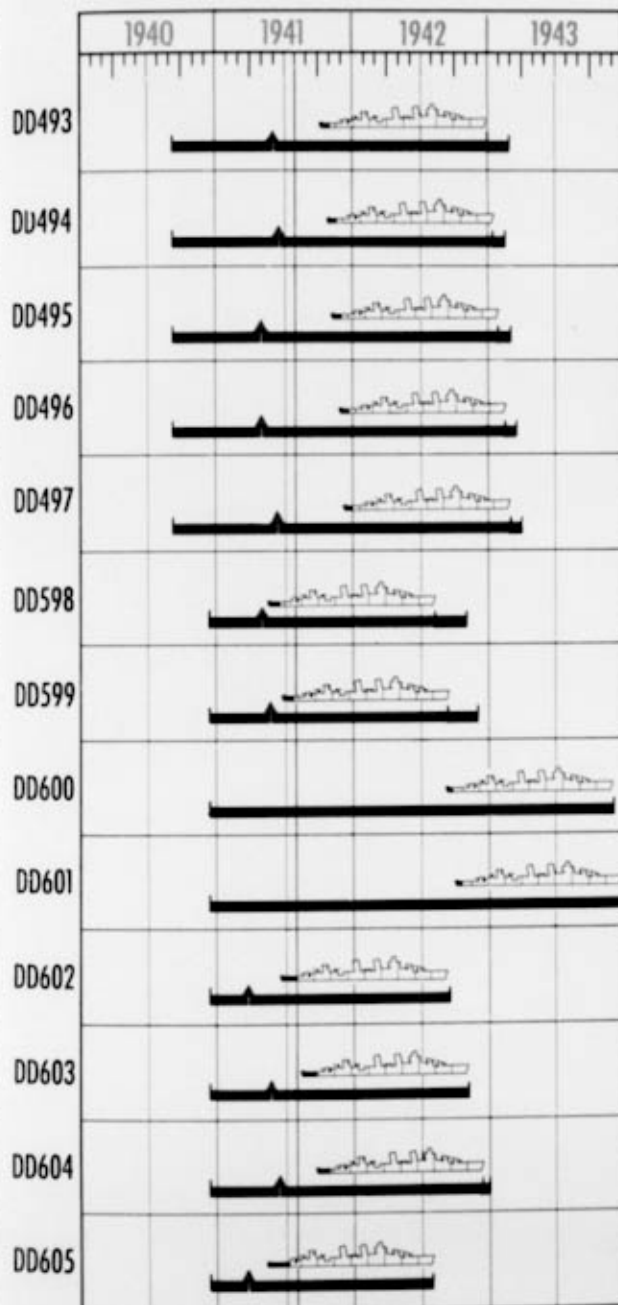


CHART 11 Part 1

DESTROYERS

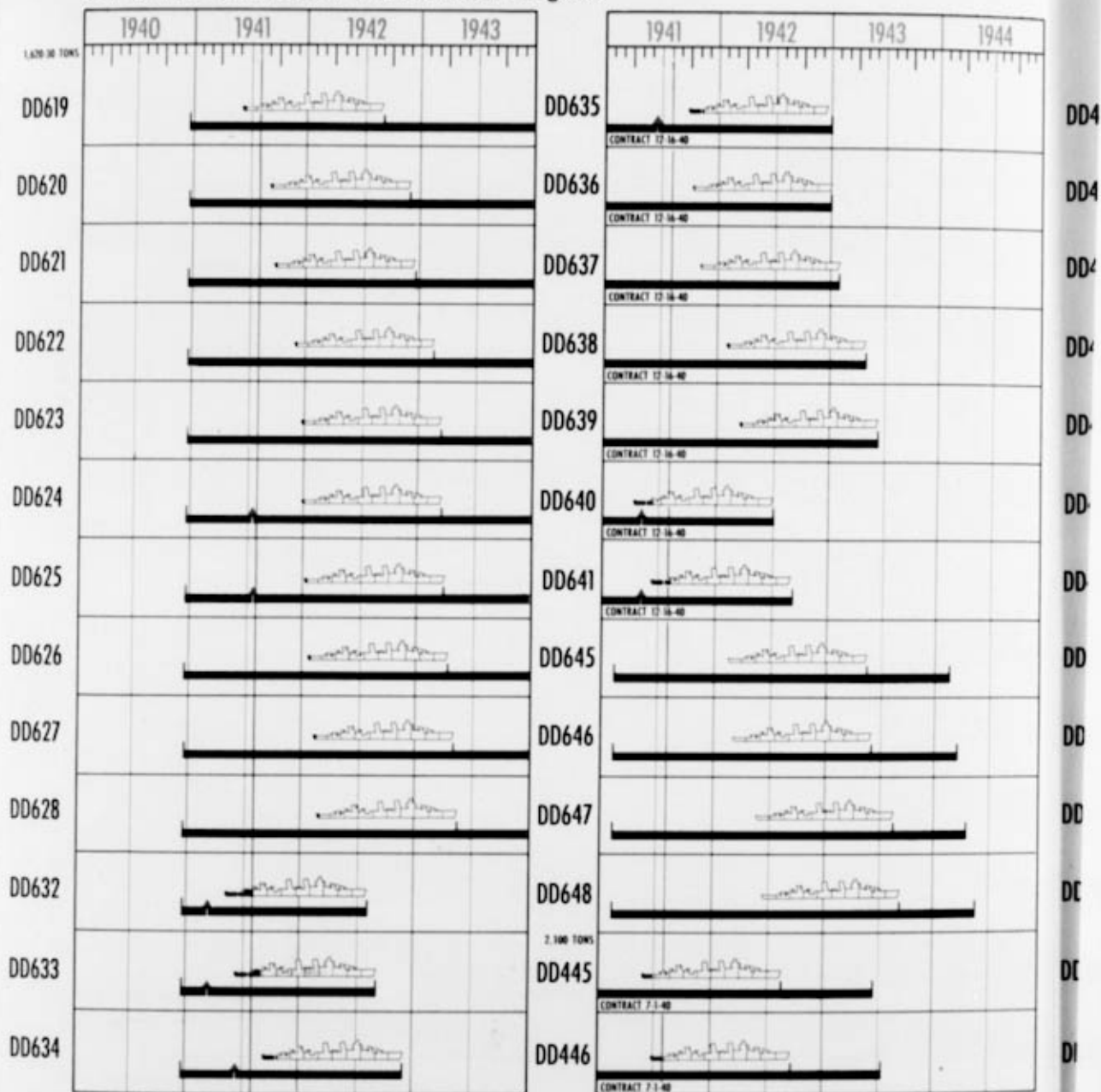
STATISTICAL SUMMARY OF DESTROYERS

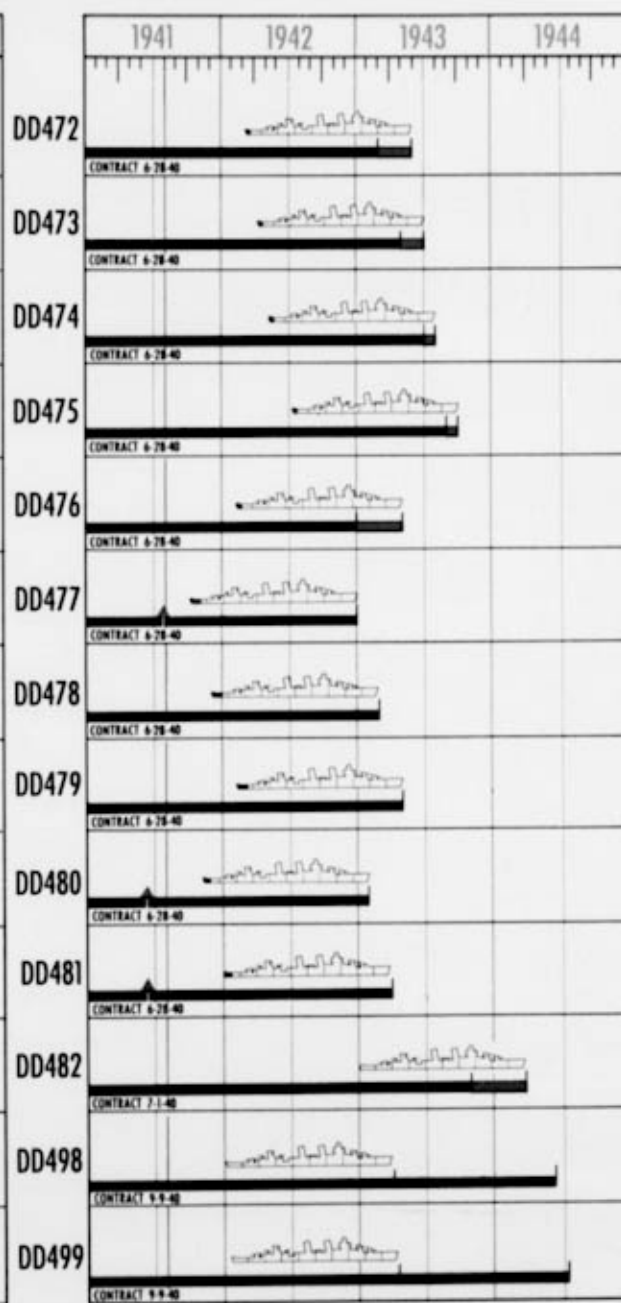
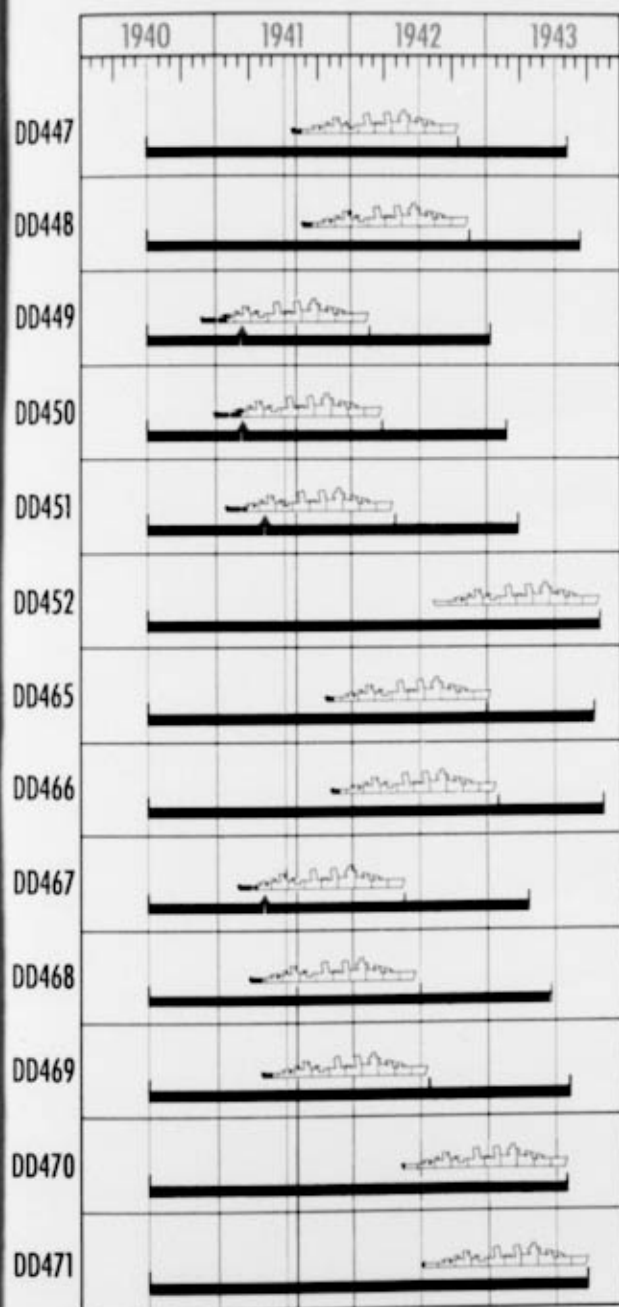
VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000'S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
(1,620 and 1,630 ton) (Cont'd)							
DD 602 MEADE	12/16/40	7,296	2,700	21	21	3/25/41	3/15/42*
DD 603 MURPHY	12/16/40	7,296	2,700	23	23	5/19/41	5/ 1/42*
DD 604 PARKER	12/16/40	7,296	2,700	24-1/2	24	6/ 9/41	6/15/42*
(2,100 ton)							
DD 470 BACHE	7/ 1/40	8,923	3,700	37	37		12/ 1/42*
DD 471 BEALE	7/ 1/40	8,923	3,700	39	39		1/15/43*
DD 518 BROWNSON	9/ 9/40	8,923	3,500	38-1/4	38-1/4		3/15/43*
DD 519 DALY	9/ 9/40	8,923	3,500	39-3/4	39-3/4		5/ 1/43*
DD 520 ISHERWOOD	9/ 9/40	8,923	3,500	41-1/4	41-1/4		6/15/43*
DD 521 KIMBERLY	9/ 9/40	8,923	3,500	45-3/4	45-3/4		12/ 1/43*
DD 522 LUCE	9/ 9/40	8,923	3,500	47-1/4	47-1/4		1/15/44*
N. Y. Boston							
DD 461 FORREST	6/12/40	6,120	3,700	20	22	1/ 6/41	6/14/41
DD 462 FITCH	6/12/40	6,120	3,700	22	23	1/ 6/41	6/14/41
DD 632 COWIE	12/16/40	6,120	2,700	19-1/2	19-1/2	3/18/41	9/ 1/41*
DD 633 KNIGHT	12/16/40	6,120	2,700	20-1/2	20-1/2	3/18/41	9/ 1/41*
DD 634 DORAN	12/16/40	6,120	2,700	23-1/2	23-1/2	6/14/41	1/ 1/42*
DD 635 EARLE	12/16/40	6,120	2,700	24-1/2	24	6/14/41	1/ 1/42*
(2,100 ton)							
DD 472 GUEST	6/28/40	7,520	3,700	32	35		4/ 1/42*
DD 473 BENNETT	6/28/40	7,520	3,700	34	36		7/15/42*
DD 474 FULLAM	6/28/40	7,520	3,700	36	37		7/15/42*
DD 475 HUDSON	6/28/40	7,520	3,700	38	39		10/15/42*
DD 476 HUTCHINS	6/28/40	7,520	3,700	30	34		4/ 1/42*
DD 581 CHARRETTE	9/ 9/40	7,520	3,450	37-3/4	37-3/4		10/15/42*
DD 582 CONNER	9/ 9/40	7,520	3,450	39-3/4	39-3/4		2/ 1/43*
DD 583 HALL	9/ 9/40	7,520	3,450	41-3/4	41		2/ 1/43*
DD 584 HALLIGAN	9/ 9/40	7,520	3,450	43-3/4	43		5/ 1/43*
DD 585 HARADEN	9/ 9/40	7,520	3,450	45-3/4	44		5/ 1/43*
DD 586 NEWCOMB	9/ 9/40	7,520	3,450	47-3/4	45		8/15/43*
Federal S.B. & D.D. Co., Kearny, N. J.							
(1,620 and 1,630 ton)							
DD 453 BRISTOL	6/12/40	6,547	3,700	18	15	12/ 2/40	7/25/41
DD 454 ELLYSON	6/12/40	6,547	3,700	20	16	12/ 2/40	7/25/41
DD 455 HAMBLETON	7/ 1/40	6,547	3,700	22	16	12/16/40	8/26/41*
DD 456 RODMAN	7/ 1/40	6,547	3,700	24	18	12/16/40	8/26/41*
DD 483 AARON WARD	9/ 9/40	6,670	3,250	22	16-1/2	2/11/41	11/ 7/41*
DD 484 BUCHANAN	9/ 9/40	6,670	3,250	23	17-1/2	2/11/41	11/ 7/41*
DD 485 DUNCAN	9/ 9/40	6,670	3,250	24	19	7/31/41	1/23/42*
DD 486 LANDSDOWNE	9/ 9/40	6,670	3,250	25	20	7/31/41	1/23/42*
DD 487 LARDNER	9/ 9/40	6,670	3,250	26	20-1/2		2/27/42*
DD 488 McALLA	9/ 9/40	6,670	3,250	27	21		2/27/42*
DD 489 MERVINE	9/ 9/40	6,670	3,250	42	21-1/2		4/24/42*
DD 490 QUICK	9/ 9/40	6,670	3,250	43	22		4/24/42*
DD 618 DAVISON	12/16/40	6,870	2,700	36-1/2	20-1/2		7/31/42*
DD 619 EDWARDS	12/16/40	6,870	2,700	36-1/2	21-1/2		7/31/42*
DD 620 GLENNON	12/16/40	6,870	2,700	36-1/2	24		9/ 4/42*
DD 621 JEFFERS	12/16/40	6,870	2,700	36-1/2	24-1/2		9/ 4/42*
DD 622 MADDOX	12/16/40	6,870	2,700	36-1/2	26-1/2		11/ 6/42*
DD 623 NELSON	12/16/40	6,870	2,700	36-1/2	27		11/ 6/42*
DD 645 STEVENSON	2/10/41	6,878	2,700	36	27		2/14/43*
DD 646 STOCKTON	2/10/41	6,878	2,700	37	28		2/14/43*
DD 647 THORN	2/10/41	6,878	2,700	38	30-1/2		5/15/43*
DD 648 TURNER	2/10/41	6,878	2,700	39	31		5/15/43*
(2,100 ton)							
DD 445 FLETCHER	7/ 1/40	8,638	3,700	35-1/4	26		5/29/42*
DD 446 RADFORD	7/ 1/40	8,638	3,700	36-1/4	27		5/29/42*
DD 447 JENKINS	7/ 1/40	8,638	3,700	37-1/4	28		8/14/42*
DD 448 LA VALLETTE	7/ 1/40	8,638	3,700	38-1/4	29		8/14/42*
DD 452 PERCIVAL	7/ 1/40	9,451	3,700	39	44		9/18/43*
DD 482 WATSON	7/ 1/40	9,451	3,700	40	45		9/18/43*
DD 465 SAUFLEY	7/ 1/40	8,638	3,700	39-1/4	30-1/4		9/11/42*
DD 466 WALLER	7/ 1/40	8,638	3,700	40-1/4	31		9/11/42*
DD 498 PHILIP	9/ 9/40	8,848	3,450	45	31		1/ 9/43*
DD 499 RENSHAW	9/ 9/40	8,848	3,450	46	31-1/2		1/ 9/43*
DD 500 RINGGOLD	9/ 9/40	8,848	3,450	52	34		3/27/43*
DD 501 SCHROEDER	9/ 9/40	8,848	3,450	53	34-1/2		3/27/43*
DD 502 SIOSBEE	9/ 9/40	8,848	3,450	54	35		5/ 1/43*

* Estimated Launching Dates

PROGRESS OF DESTROYER CONSTRUCTION

Scheduled Construction versus Actual Progress





DESTROYERS

STATISTICAL SUMMARY OF DESTROYERS

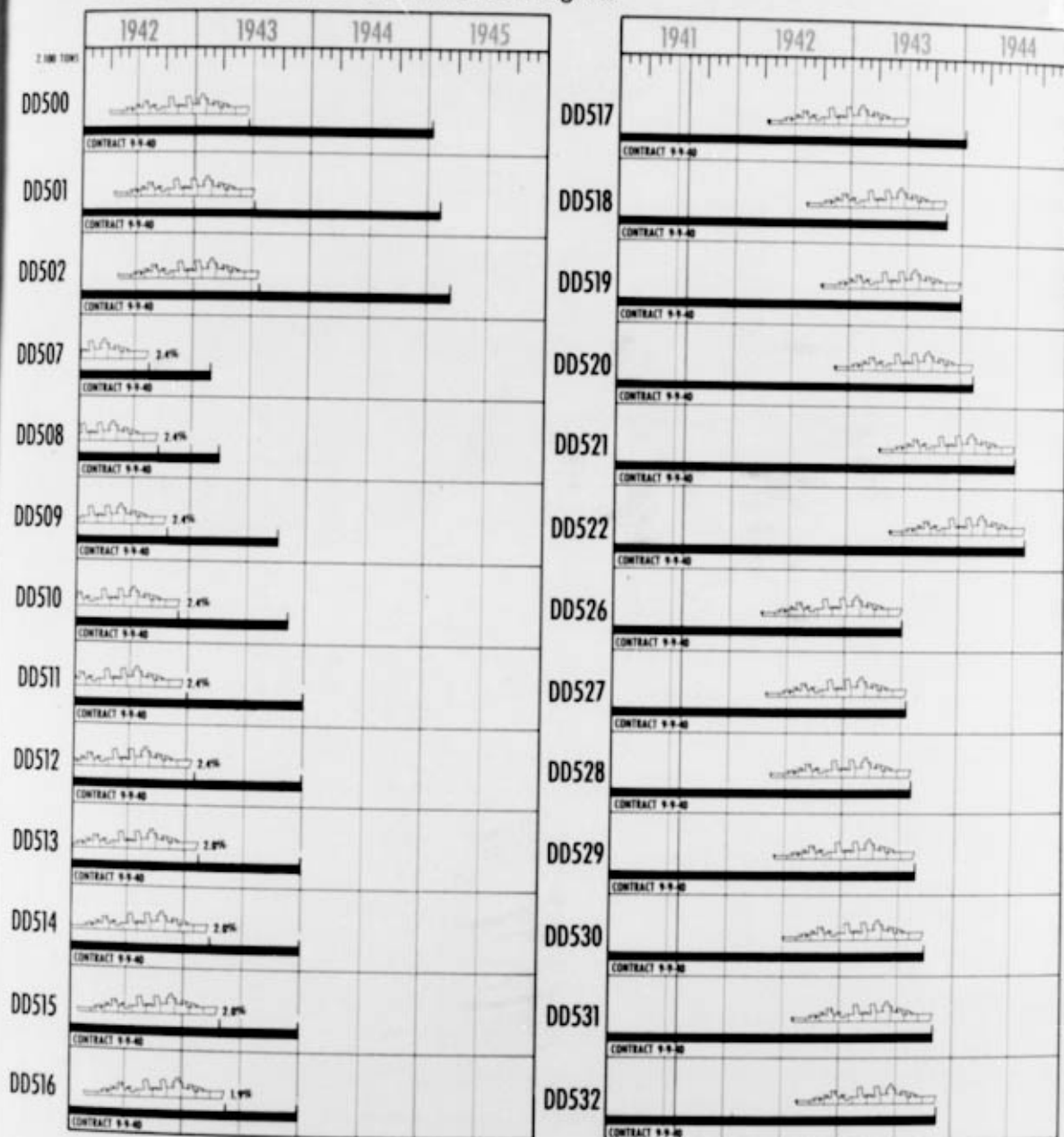
VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000'S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
WEST COAST							
Seattle-Tacoma Ship- building Co., Seattle, Wash.							
(1,620 and 1,630 ton)							
DD 493 CARMICK	9/ 9/40	6,902	3,250	28-3/4	28	5/29/41	2/ 1/42*
DD 494 DOYLE	9/ 9/40	6,902	3,250	29-1/4	28	5/26/41	2/15/42*
DD 495 ENDICOTT	9/ 9/40	6,902	3,250	30	29	5/ 1/41	3/ 1/42*
DD 496 MCCOOK	9/ 9/40	6,902	3,250	29-3/4	29	5/ 1/41	3/15/42*
DD 497 FRANKFORD	9/ 9/40	6,902	3,250	30-3/4	30	6/ 5/41	4/ 1/42*
DD 624 BALDWIN	12/16/40	6,846	2,700	36-1/2	27	7/19/41	
DD 625 HARDING	12/16/40	6,846	2,700	36-1/2	27-1/2	7/22/41	
DD 626 SATTERLEE	12/16/40	6,846	2,700	36-1/2	28		
DD 627 THOMPSON	12/16/40	6,846	2,700	36-1/2	28-1/2		
DD 628 WELLES	12/16/40	6,846	2,700	36-1/2	29		
(2,100 ton)							
DD 554 FRANKS	9/ 9/40	8,435	3,450	33-3/4	37		1/ 1/43*
DD 555 HAGGARD	9/ 9/40	8,435	3,450	34-1/4	38		1/15/43*
DD 556 HAILEY	9/ 9/40	8,435	3,450	34-3/4	39		2/ 1/43*
DD 557 JOHNSTON	9/ 9/40	8,435	3,450	35-1/4	40		2/15/43*
DD 558 LAWS	9/ 9/40	8,435	3,450	36-3/4	41		3/ 1/43*
DD 559 LONGSHAW	9/ 9/40	8,435	3,450	36-3/4	41		3/15/43*
DD 560 MORRISON	9/ 9/40	8,435	3,450	36-1/4	42		4/ 1/43*
DD 561 PRITCHETT	9/ 9/40	8,435	3,450	40	43		4/15/43*
DD 562 ROBINSON	9/ 9/40	8,435	3,450	40-1/4	44		5/ 1/43*
DD 563 ROSS	9/ 9/40	8,435	3,450	40-3/4	45		5/15/43*
DD 564 ROWE	9/ 9/40	8,435	3,450	40-3/4	45		11/ 1/43*
DD 565 SMALLEY	9/ 9/40	8,435	3,450	50-1/4	46		11/15/43*
DD 566 STODDARD	9/ 9/40	8,435	3,450	50-1/2	47		12/ 1/43*
DD 567 WATTS	9/ 9/40	8,435	3,450	51-1/4	48		1/ 1/44*
DD 568 WREN	9/ 9/40	8,435	3,450	51-1/2	49		2/ 1/44*
N. Y. Philadelphia							
(1,620 and 1,630 ton)							
DD 636 BUTLER	12/16/40	6,200	2,700	24	24		2/ 1/42*
DD 637 GHERARDI	12/16/40	6,200	2,700	25	25		2/ 1/42*
SOUTH ATLANTIC							
N. Y. Charleston							
(1,620 and 1,630 ton)							
DD 444 INGRAHAM	7/ 1/39	5,368	2,900	28	26	11/15/39	2/15/41
DD 453 CORY	6/12/40	5,500	3,700	20	20	9/ 4/40	7/28/41
DD 464 HOBSON	6/12/40	5,500	3,700	22	22	11/14/40	9/ 8/41*
DD 640 BEATTY	12/16/40	5,525	2,700	18-1/2	18-1/2	5/ 1/40	12/ /41*
DD 641 TILLMAN	12/16/40	5,525	2,700	20-1/2	20-1/2	5/ 1/40	12/ /41*
(2,100 ton)							
DD 477 PRINGLE	6/28/40	6,720	3,700	30	30	7/31/41	3/ /42*
DD 478 STANLY	6/28/40	6,720	3,700	32	32		5/ /42*
DD 479 STEVENS	6/28/40	6,720	3,700	34	34		6/ /42*
DD 587 BELL	9/ 9/40	6,720	3,450	34-3/4	34		7/ /42*
DD 588 BURNS	9/ 9/40	6,720	3,450	37-3/4	36		12/ /42*
DD 589 IZARD	9/ 9/40	6,720	3,450	40-3/4	38		2/ /43*
DD 590 PAUL HAMILTON	9/ 9/40	6,720	3,450	43-3/4	40		3/ /43*
DD 591 TWIGGS	9/ 9/40	6,720	3,450	46-3/4	42		4/ /43*
N. Y. Norfolk Portsmouth, Va.							
(1,620 and 1,630 ton)							
DD 638 HERNDON	12/16/40	5,833	2,700	28-1/2	28-1/2		3/ 1/42*
DD 639 SHUBRICK	12/16/40	5,833	2,700	30	30		7/ 1/42*
GULF							
Gulf Shipbuilding Corp., Chickasaw, Ala.							
(2,100 ton)							
DD 550 CAPPS	9/ 9/40	8,367	3,450	34	34	6/12/41	4/15/42*
DD 551 DAVID W. TAYLOR	9/ 9/40	8,367	3,450	40	40	6/12/41	6/15/42*
DD 552 EVANS	9/ 9/40	8,367	3,450	45	45	7/21/41	10/ 1/42*
DD 553 JOHN D. HENLEY	9/ 9/40	8,367	3,450	50	50	7/21/41	1/ 1/43*

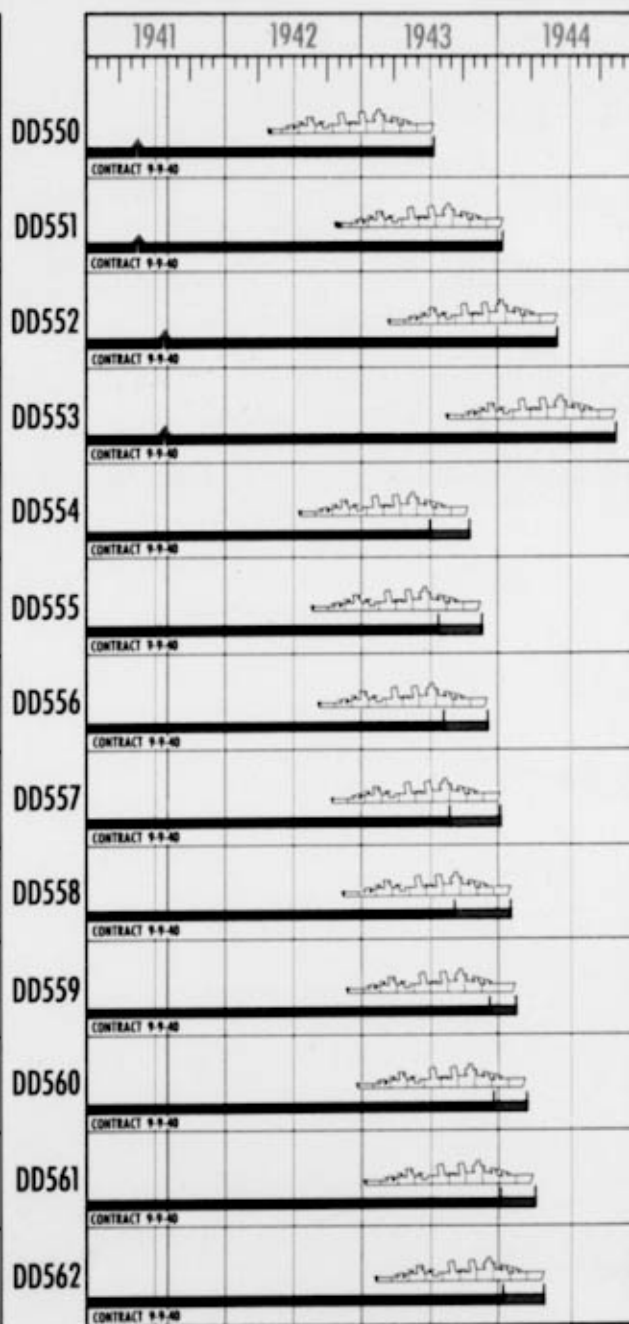
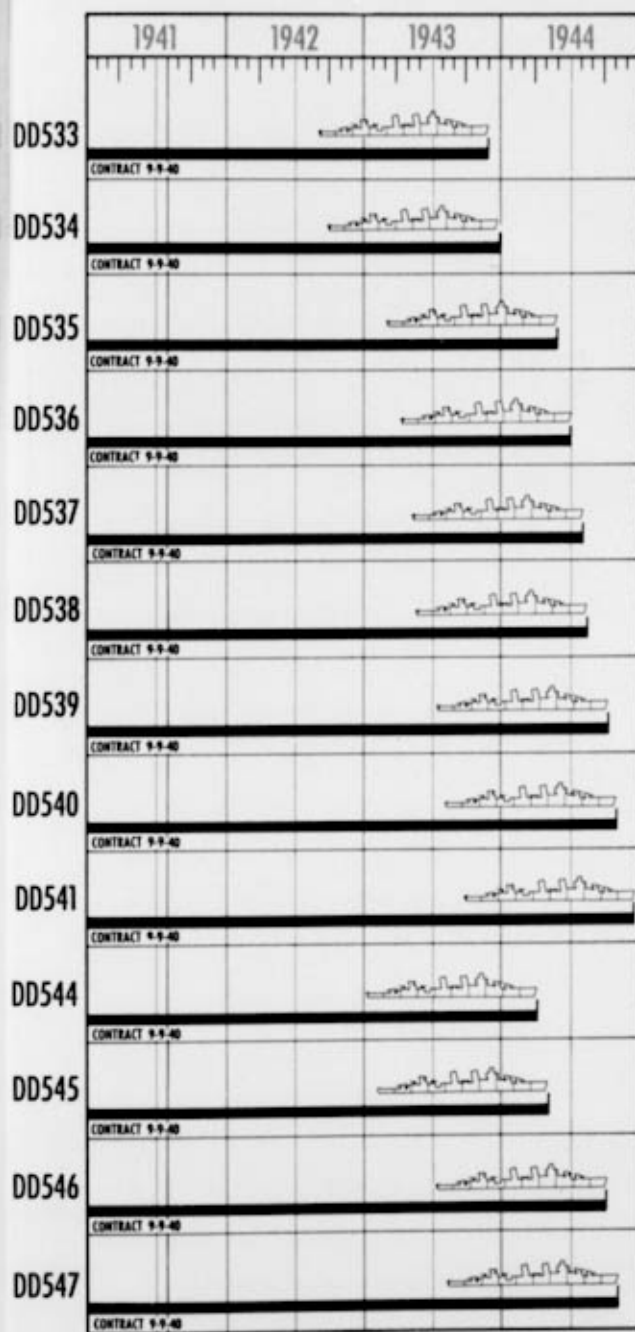
* Estimated Launching Dates

PROGRESS OF DESTROYER CONSTRUCTION

43

Scheduled Construction versus Actual Progress





DESTROYERS

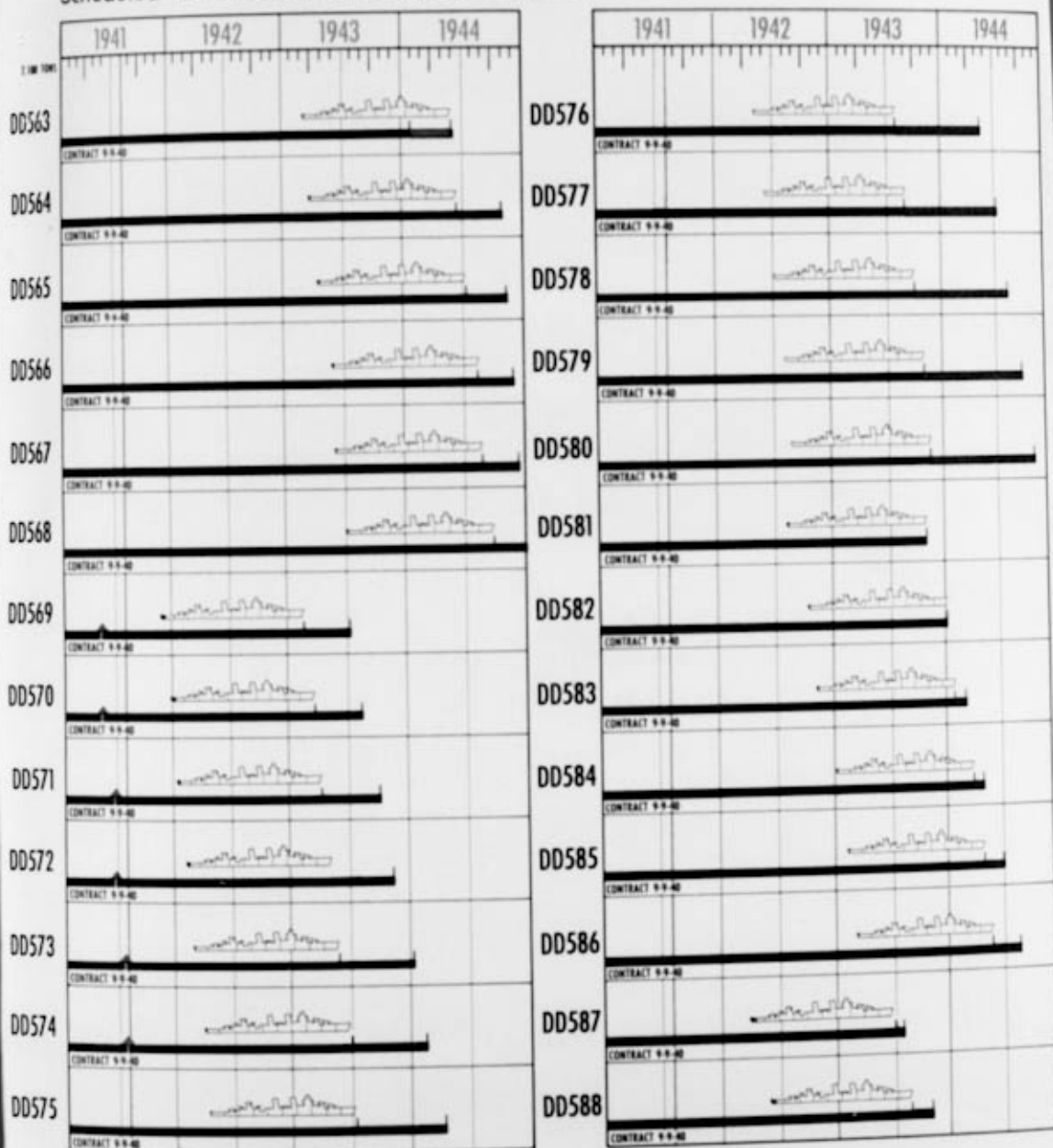
STATISTICAL SUMMARY OF DESTROYERS

VESSELS	DATE OF CONTRACT	ESTIMATED COST (\$ - 000'S)		BUILDING PERIOD (MONTHS)		KEEL LAID	LAUNCHED
		C & M	AA & A	SCHED.	EST.		
Consolidated Steel Corp., Ltd., Orange, Texas							
(2,100 ton)							
DD 569 AULICK	9/ 9/40	8,435	3,450	34	30	5/14/41	4/ 1/42*
DD 570 CHARLES AUSBURN	9/ 9/40	8,435	3,450	35-1/2	31	5/14/41	5/ 1/42*
DD 571 CLAXTON	9/ 9/40	8,435	3,450	37	31	6/25/41	6/ 2/42*
DD 572 DYSON	9/ 9/40	8,435	3,450	38-1/2	32	6/25/41	7/ 1/42*
DD 573 HARRISON	9/ 9/40	8,435	3,450	40	33	7/25/41	8/ 1/42*
DD 574 JOHN RODGERS	9/ 9/40	8,435	3,450	41-1/2	34	7/25/41	9/ 9/42*
DD 575 MCKEE	9/ 9/40	8,435	3,450	43	34		3/ 1/43*
DD 576 MURRAY	9/ 9/40	8,435	3,450	44-1/2	35		4/ 1/43*
DD 577 SPROSTON	9/ 9/40	8,435	3,450	46	36		5/ 1/43*
DD 578 WICKES	9/ 9/40	8,435	3,450	47-1/2	37		6/ 1/43*
DD 579 WILLIAM D. PORTER	9/ 9/40	8,435	3,450	49	38		7/ 1/43*
DD 580 YOUNG	9/ 9/40	8,435	3,450	50-1/2	38		8/ 1/43*
WEST COAST							
Bethlehem Steel Co. San Francisco Plant, San Francisco, Calif.							
(1,620 and 1,630 ton)							
DD 459 LAFFEY	7/ 1/40	7,296	3,700	20	20	1/13/41	10/ 1/41*
DD 460 WOODWORTH	7/ 1/40	7,296	3,700	21	21	1/13/41	10/15/41*
DD 605 CALDWELL	12/16/40	7,296	2,700	19-1/2	19-1/2	3/24/41	2/ 1/42*
DD 606 COGHLAN	12/16/40	7,296	2,700	20-1/2	20-1/2	3/28/41	2/15/42*
DD 607 FRAZIER	12/16/40	7,296	2,700	21-1/2	21-1/2	7/ 5/41	5/ 1/42*
DD 608 GANSEVOORT	12/16/40	7,296	2,700	22	22	6/16/41	5/15/42*
DD 609 GILLESPIE	12/16/40	7,296	2,700	22-1/2	22-1/2	6/16/41	5/ 1/42*
DD 610 HOBBY	12/16/40	7,296	2,700	23-1/2	23-1/2	6/30/41	6/ 1/42*
DD 611 KALK	12/16/40	7,296	2,700	24-1/2	24-1/2	6/30/41	6/15/42*
(2,100 ton)							
DD 526 ABNER READ	9/ 9/40	9,084	3,400	33-3/4	33-3/4		1/ 1/43*
DD 527 AMMEN	9/ 9/40	9,084	3,400	34-1/4	34-1/4		1/15/43*
DD 528 MULLANY	9/ 9/40	9,084	3,400	35-1/4	35-1/4		2/ 1/43*
DD 529 BUSH	9/ 9/40	9,084	3,400	35-3/4	35-3/4		2/15/43*
DD 530 TRATHEN	9/ 9/40	9,084	3,400	36-3/4	36-3/4		5/ 1/43*
DD 531 HAZELWOOD	9/ 9/40	9,084	3,400	37-3/4	37-3/4		5/ 1/43*
DD 532 HEERMAN	9/ 9/40	9,084	3,400	38-1/4	38-1/4		5/15/43*
DD 533 HOEL	9/ 9/40	9,084	3,400	38-3/4	38-3/4		5/15/43*
DD 534 MCCORD	9/ 9/40	9,084	3,400	39-3/4	39-3/4		7/ 1/43*
DD 535 MILLER	9/ 9/40	9,084	3,400	44-3/4	44-3/4		1/ 1/44*
DD 536 OWEN	9/ 9/40	9,084	3,400	45-3/4	45-3/4		2/ 1/44*
DD 537 PUTNAM	9/ 9/40	9,084	3,400	46-3/4	46-3/4		2/ 1/44*
DD 538 STEPHEN POTTER	9/ 9/40	9,084	3,400	47-1/4	47-1/4		2/15/44*
DD 539 TINGEY	9/ 9/40	9,084	3,400	49-1/4	49-1/4		5/ 1/44*
DD 540 TWINING	9/ 9/40	9,084	3,400	49-3/4	49-3/4		5/15/44*
DD 541 YARNALL	9/ 9/40	9,084	3,400	51-1/4	51-1/4		6/ 1/44*
Bethlehem Steel Co. San Pedro Plant, Terminal Island, Calif.							
(1,620 and 1,630 ton)							
DD 612 KENDRICK	12/16/40	7,296	2,700	22-1/2	22-1/2	5/ 1/41	5/ 1/42*
DD 613 LAUB	12/16/40	7,296	2,700	23-1/2	23-1/2	5/ 1/41	6/ 1/42*
DD 614 Mac KENZIE	12/16/40	7,296	2,700	25	24	5/29/41	6/15/42*
DD 615 McLANAHAN	12/16/40	7,296	2,700	26	25	5/29/41	7/15/42*
DD 616 NIELDS	12/16/40	7,296	2,700	33-1/2	33-1/2		4/ 1/43*
DD 617 ORDRONAU	12/16/40	7,296	2,700	34-1/2	34-1/2		5/ 1/43*
(2,100 ton)							
DD 544 BOYD	9/ 9/40	9,084	3,250	42-3/4	42-3/4		10/ 1/43*
DD 545 BRADFORD	9/ 9/40	9,084	3,250	43-3/4	43-3/4		11/ 1/43*
DD 546 BROWN	9/ 9/40	9,084	3,250	48-3/4	48-3/4		5/ 1/44*
DD 547 COWELL	9/ 9/40	9,084	3,250	49-3/4	49-3/4		6/ 1/44*
M. Y. Puget Sound Bremerton, Wash.							
(2,100 ton)							
DD 480 HALFORD	6/28/40	7,145	3,700	31	31	6/ 3/41	6/15/42*
DD 481 LEUTZE	6/28/40	7,145	3,700	33	33	6/ 3/41	6/15/42*
DD 592 HOWORTH	9/ 9/40	7,145	3,450	32-3/4	32-3/4		10/ 1/42*
DD 593 KILLEN	9/ 9/40	7,145	3,450	34-3/4	34-3/4		10/ 1/42*
DD 594 MANSFIELD	9/ 9/40	7,145	3,450	36-3/4	36-3/4		4/ 1/43*
DD 595 METCALF	9/ 9/40	7,145	3,450	38-3/4	38-3/4		4/ 1/43*
DD 596 SHIELDS	9/ 9/40	7,145	3,450	40-3/4	40-3/4		10/ 1/43*
DD 597 WILEY	9/ 9/40	7,145	3,450	42-3/4	42-3/4		10/ 1/43*

* Estimated Launching Dates

PROGRESS OF DESTROYER CONSTRUCTION

Scheduled Construction versus Actual Progress



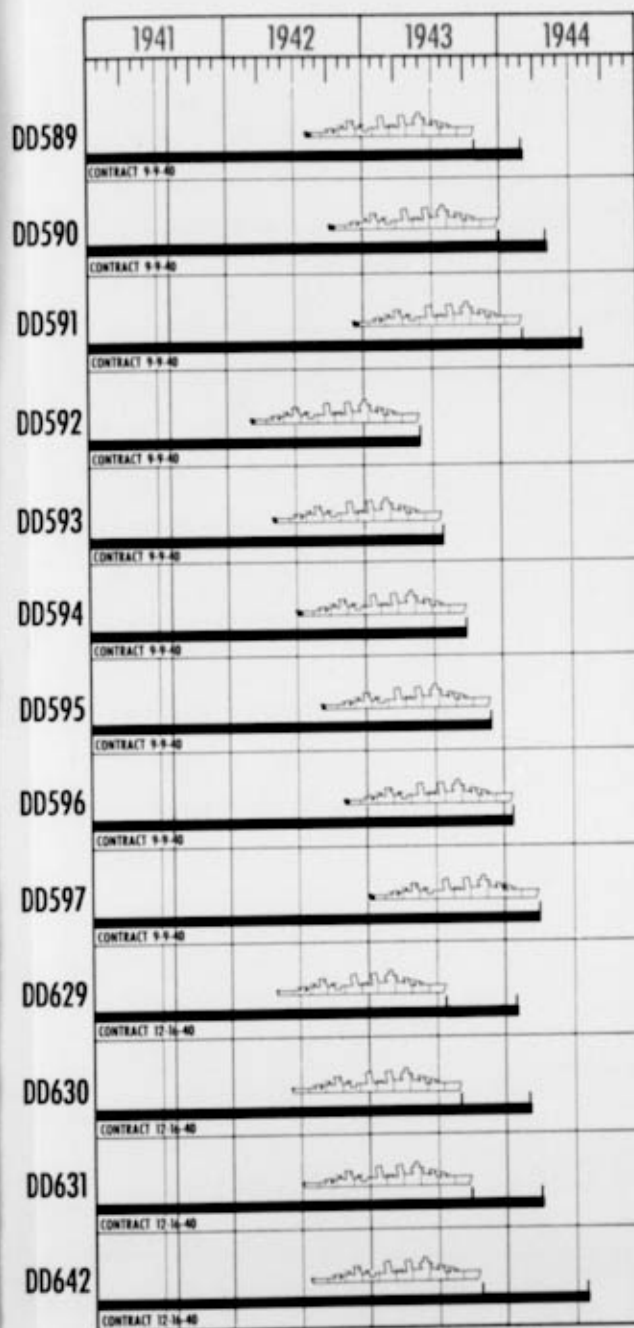
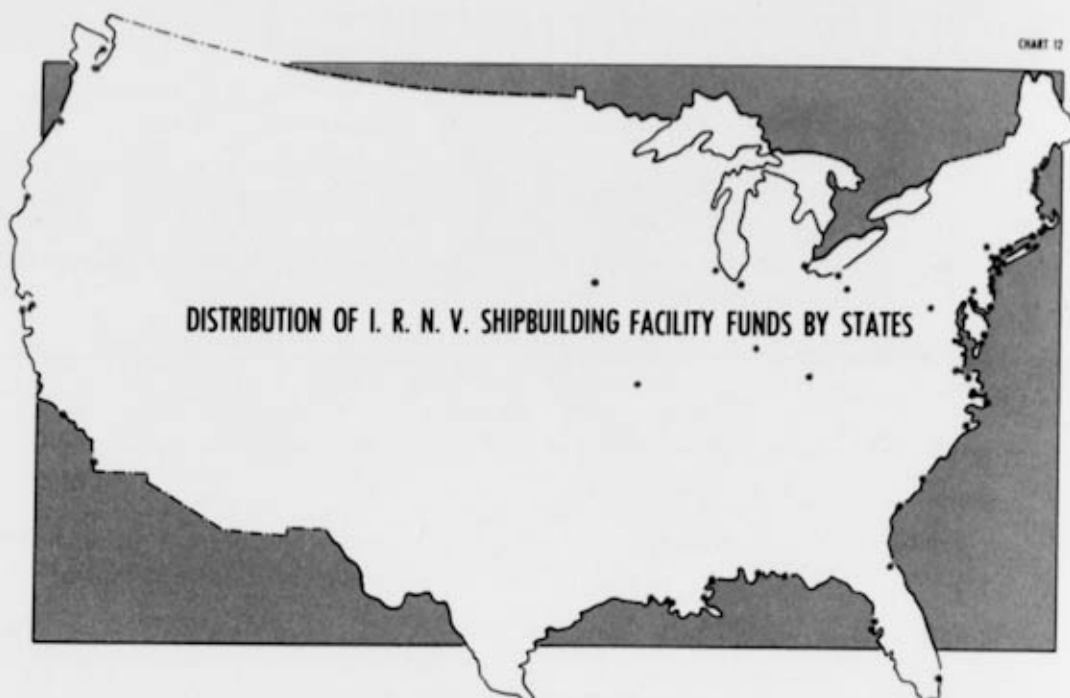


CHART 11 Part 4

DESTROYERS

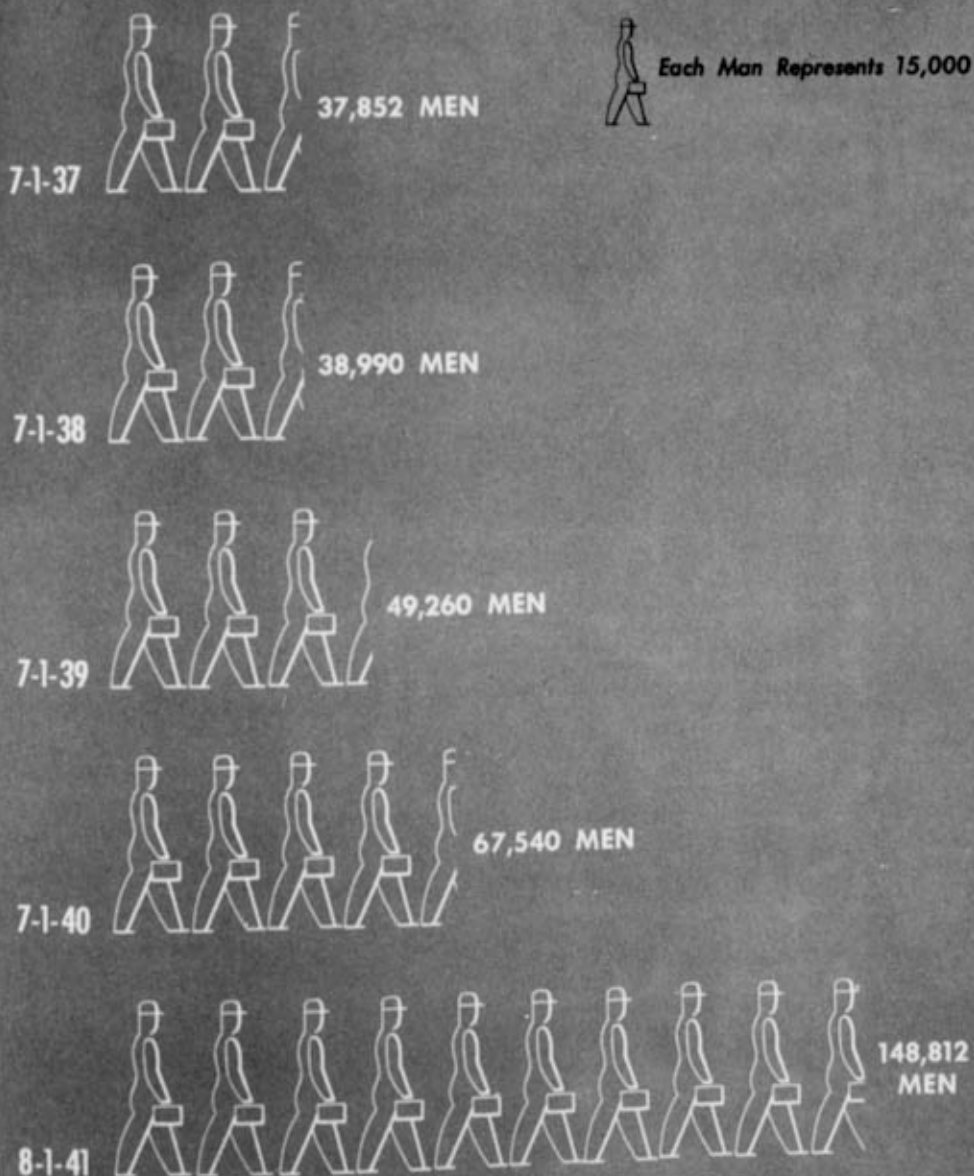


STATE	SHIPBUILDING	INDUSTRY	NAVY PROJECTS
ALABAMA	\$ 3,700,000		
CALIFORNIA	27,548,528.78	\$5,409,835	\$20,870,912
CONNECTICUT	4,600,000		
DELAWARE	121,000		
FLORIDA	2,255,800		
GEORGIA	825,000		
ILLINOIS		52,500	
INDIANA		951,126	
IOWA		550,000	
MAINE	3,250,000		
MARYLAND		760,000	332,100
MASSACHUSETTS	17,517,500	266,000	13,765,000
MICHIGAN		1,369,000	
MISSISSIPPI	2,819,000		
MISSOURI		215,000	
NEW HAMPSHIRE			10,795,300
NEW JERSEY	26,372,000	8,261,002	
NEW YORK	5,400,000	2,723,000	69,258,000
OHIO		8,612,071.71	
OREGON	1,542,000		
PENNSYLVANIA	12,000,000	40,984,795	50,291,070
RHODE ISLAND		825,000	
SOUTH CAROLINA	1,050,000		12,440,100
TEXAS	8,833,200		
VIRGINIA	15,000,000		28,958,000
WASHINGTON	7,200,000	226,000	24,414,912
WISCONSIN	1,290,000	6,175,278	

SHIPBUILDING EMPLOYMENT

(COMBATANT AND MAJOR AUXILIARY VESSELS)

NAVY AND PRIVATE SHIPYARDS



DATA AS OF JULY 1, EACH YEAR EXCEPT 1941