

## HEAVY CRUISERS (CA).

	Name and official number	Length over all		Length on water line		Extreme beam		Standard displacement	Trial speed
		Ft.	In.	Ft.	In.	Ft.	In.		
1	ALBANY <sup>2</sup> ..... CA123	673	5	664	0	70	10	Tons 13,700	Knots 32.6
2	AUGUSTA <sup>2</sup> ..... CA31	600	3	582	0	66	1	1 9,050	32.2
3	BALTIMORE <sup>2</sup> ..... CA68	673	5	664	0	70	10	13,600	32.6
4	BOSTON <sup>2</sup> ..... CA69	673	5	664	0	70	10	13,600	32.6
5	BREMERTON..... CA130	673	5	664	0	70	10	13,600	32.6
6	BRIDGEPORT <sup>2</sup> ..... CA127	673	5	664	0	70	10	13,700	32.6
7	CAMBRIDGE <sup>2</sup> ..... CA126	673	5	664	0	70	10	13,700	32.6
8	CANBERRA (Ex-PITTSBURGH) <sup>2</sup> ..... CA70	673	5	664	0	70	10	13,600	32.6
9	CHESTER <sup>2</sup> ..... CA27	600	3	582	0	66	1	1 9,200	33.0
10	CHICAGO..... CA136	673	5	664	0	70	10	13,600	32.6
11	COLUMBUS <sup>2</sup> ..... CA74	673	5	664	0	70	10	13,600	32.6
12	DES MOINES <sup>2</sup> ..... CA134	716	6	700	0	76	4	17,000	33.0
13	FALL RIVER..... CA131	673	5	664	0	70	10	13,600	32.6
14	HELENA (Ex-DES MOINES) <sup>2</sup> ..... CA75	673	5	664	0	70	10	13,600	32.6
15	INDIANAPOLIS <sup>2</sup> ..... CA35	610	4	592	0	66	1	1 9,950	32.6
16	KANSAS CITY <sup>2</sup> ..... CA128	673	5	664	0	70	10	13,700	32.6
17	LOS ANGELES..... CA135	673	5	664	0	70	10	13,600	32.6
18	LOUISVILLE <sup>2</sup> ..... CA28	600	3	582	0	66	1	1 9,050	32.7
19	MACON..... CA132	673	5	664	0	70	10	13,600	32.6
20	MINNEAPOLIS <sup>2</sup> ..... CA36	588	0	578	0	61	9	1 9,950	32.0
21	NEW ORLEANS..... CA32	588	0	578	0	61	9	1 9,950	32.0
22	NORFOLK <sup>2</sup> ..... CA137	673	5	664	0	70	10	13,700	32.6
23	NORTHAMPTON <sup>2</sup> ..... CA125	673	5	664	0	70	10	13,700	32.6
24	OREGON CITY <sup>2</sup> ..... CA122	673	5	664	0	70	10	13,700	32.6
25	PENSACOLA..... CA24	585	8	570	0	65	3	1 9,100	32.8

<sup>1</sup> As built.<sup>2</sup> Fitted as flagship.<sup>3</sup> Estimated, based on Model Basin tests.<sup>4</sup> Trial Board requirement at trial displacement.

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## HEAVY CRUISERS (CA).

Trial displacement	Full load displacement	Tons per inch immersion	Limiting draft	Maximum navigational draft <sup>1</sup>	Total accommodations		Name
					Officers	En-listed	
Tons 16,570	<sup>2</sup> 17,070	Tons 82	Ft. In. 26 4	Ft. In. 26 4	129	1,840	ALBANY..... 1
10,322	<sup>3</sup> 13,900	63	22 9	24 0	72	1,083	AUGUSTA..... 2
16,570	<sup>3</sup> 17,200	82	24 2	26 10	105	1,667	BALTIMORE..... 3
16,570	<sup>3</sup> 17,200	82	24 2	26 10	108	1,720	BOSTON..... 4
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	BREMERTON..... 5
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	BRIDGEPORT..... 6
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	CAMBRIDGE..... 7
16,570	<sup>3</sup> 17,200	82	24 2	26 10	104	1,690	CANBERRA..... 8
10,707	<sup>3</sup> 13,700	63	22 6	23 10	83	947	CHESTER..... 9
16,570	17,333	82	-----	27 9	129	1,840	CHICAGO..... 10
16,570	<sup>2</sup> 16,820	82	-----	26 5	122	1,780	COLUMBUS..... 11
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94	-----	25 6	169	1,719	DES MOINES..... 12
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	FALL RIVER..... 13
16,570	<sup>2</sup> 16,820	82	-----	26 5	122	1,780	HELENA..... 14
11,063	<sup>3</sup> 14,150	65	22 10	24 10	100	1,282	INDIANAPOLIS..... 15
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	KANSAS CITY..... 16
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	LOS ANGELES..... 17
10,781	<sup>3</sup> 13,700	63	22 6	23 10	68	1,061	LOUISVILLE..... 18
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	MACON..... 19
12,500	<sup>3</sup> 13,500	61	24 4	24 8	74	1,045	MINNEAPOLIS..... 20
12,500	<sup>3</sup> 13,500	61	24 4	24 4	81	1,040	NEW ORLEANS..... 21
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	NORFOLK..... 22
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	NORTHAMPTON..... 23
16,570	<sup>2</sup> 17,070	82	-----	26 4	129	1,840	OREGON CITY..... 24
10,528	<sup>3</sup> 13,700	62	22 5	22 5	85	1,108	PENSACOLA..... 25

<sup>1</sup> Includes projection below keel, if any.<sup>2</sup> Designed.<sup>3</sup> Displacement at limiting draft.<sup>4</sup> From Bureau weight estimate.

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HEAVY CRUISERS (CA).

	Name and official number	Number of propellers	Manufacturer and type of engines	Shaft horse-power	Boilers		Steam conditions for full power	
					Number	Type	Pressure	Temperature
1	ALBANY.....CA123	4	G. E. turb.....	120,000	4	B. & W....	<i>p. s. i.</i> 565	<i>Deg. F</i> 850
2	AUGUSTA.....CA31	4	N. N. Par. turb..	107,000	8	W. F.....	300	422
3	BALTIMORE.....CA68	4	G. E. turb.....	120,000	4	B. & W....	565	850
4	BOSTON.....CA69	4	do.....	120,000	4	do.....	565	850
5	BREMERTON.....CA130	4	do.....	120,000	4	do.....	565	850
6	BRIDGEPORT.....CA127	4	do.....	120,000	4	do.....	565	850
7	CAMBRIDGE.....CA126	4	do.....	120,000	4	do.....	565	850
8	CANBERRA.....CA70	4	do.....	120,000	4	do.....	565	850
9	CHESTER.....CA27	4	NYS Par. turb..	107,000	8	W. F.....	300	422
10	CHICAGO.....CA136	4	G. E. turb.....	120,000	4	B. & W....	565	850
11	COLUMBUS.....CA74	4	do.....	120,000	4	do.....	565	850
12	DES MOINES.....CA134	4	do.....	120,000	4	do.....	565	850
13	FALL RIVER.....CA131	4	do.....	120,000	4	do.....	565	850
14	HELENA.....CA75	4	do.....	120,000	4	do.....	565	850
15	INDIANAPOLIS.....CA35	4	NYS Par. turb..	107,000	8	W. F.....	300	572
16	KANSAS CITY.....CA128	4	G. E. turb.....	120,000	4	B. & W....	565	850
17	LOS ANGELES.....CA135	4	do.....	120,000	4	do.....	565	850
18	LOUISVILLE.....CA28	4	P. S. Par. turb..	107,000	8	W. F.....	300	422
19	MACON.....CA132	4	G. E. turb.....	120,000	4	do.....	565	850
20	MINNEAPOLIS.....CA36	4	Westgh. turb....	107,000	8	B & W....	300	572
21	NEW ORLEANS.....CA32	4	do.....	107,000	8	do.....	300	572
22	NORFOLK.....CA137	4	G. E. turb.....	120,000	4	do.....	565	850
23	NORTHAMPTON.....CA125	4	do.....	120,000	4	do.....	565	850
24	OREGON CITY.....CA122	4	do.....	120,000	4	do.....	565	850
25	PENSACOLA.....CA24	4	NYk Par. turb..	107,000	8	W. F.....	300	422

HEAVY CRUISERS (CA).

Main reduction gears		Ship's service generators				Fuel capacities			Official number
Type	Manufacturer	Number	Type of drive	Capacity each	Voltage	Fuel oil	Diesel oil	Gasoline	
Dbl	Falk	4	Turbo	<i>Kw.</i> 750	450 A. C.	<i>Barrels</i> 16,837	<i>Barrels</i> 539	<i>Gallons</i> 13,195	CA123... 1
Sgl	DeLaval	4	do	250	240/120 D. C.	19,086	228	7,200	CA31... 2
Dbl	Falk	4	do	750	450 A. C.	16,420	569	9,000	CA68... 3
do	do	4	do	750	450 A. C.	16,420	569	9,000	CA69... 4
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA130... 5
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA127... 6
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA126... 7
do	do	4	do	750	450 A. C.	16,420	569	9,000	CA70... 8
Sgl	DeLaval	4	do	250	240/120 D. C.	19,219	143	7,700	CA27... 9
Dbl	Falk	4	do	750	450 A. C.	16,420	569	13,195	CA136... 10
do	do	4	do	750	450 A. C.	16,420	569	9,000	CA74... 11
do	do	4	do	1,500	450 A. C.	18,236	916	8,800	CA134... 12
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA131... 13
do	do	4	do	750	450 A. C.	16,420	569	9,000	CA75... 14
Sgl	do	4	do	250	240/120 D. C.	19,973	167	7,200	CA35... 15
Dbl	do	4	do	750	450 A. C.	16,420	569	13,195	CA128... 16
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA135... 17
Sgl	DeLaval	4	do	250	240/120 D. C.	19,219	113	7,800	CA28... 18
Dbl	Falk	4	do	750	450 A. C.	16,420	569	13,195	CA132... 19
Sgl	Westgh	4	do	250	240/120 D. C.	14,706	153	7,800	CA36... 20
do	do	4	do	250	240/120 D. C.	14,558	198	3,400	CA32... 21
Dbl	Falk	4	do	750	450 A. C.	16,420	569	13,195	CA137... 22
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA125... 23
do	do	4	do	750	450 A. C.	16,420	569	13,195	CA122... 24
Sgl	DeLaval	4	do	250	240/120 D. C.	19,846	174	7,200	CA24... 25

## HEAVY CRUISERS (CA).

	Name	Armament	
		Main	Secondary
1	ALBANY <sup>3</sup>	9 8", 55 cal. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
2	AUGUSTA	do. <sup>1</sup>	8 5", 25 cal. (D. P.)
3	BALTIMORE	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
4	BOSTON	do. <sup>1</sup>	do
5	BREMERTON <sup>3</sup>	do. <sup>1</sup>	do
6	BRIDGEPORT <sup>3</sup>	do. <sup>1</sup>	do
7	CAMBRIDGE <sup>3</sup>	do. <sup>1</sup>	do
8	CANBERRA	do. <sup>1</sup>	do
9	CHESTER	do. <sup>1</sup>	8 5", 25 cal. (single D. P.)
10	CHICAGO <sup>3</sup>	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
11	COLUMBUS <sup>3</sup>	do. <sup>1</sup>	do
12	DES MOINES <sup>3</sup>	do. <sup>1</sup>	do
13	FALL RIVER <sup>3</sup>	do. <sup>1</sup>	do
14	HELENA <sup>3</sup>	do. <sup>1</sup>	do
15	INDIANAPOLIS	do. <sup>1</sup>	8 5", 25 cal. (single D. P.)
16	KANSAS CITY <sup>3</sup>	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
17	LOS ANGELES <sup>3</sup>	do. <sup>1</sup>	do
18	LOUISVILLE	do. <sup>1</sup>	8 5", 25 cal. (single D. P.)
19	MACON <sup>3</sup>	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
20	MINNEAPOLIS	do. <sup>1</sup>	8 5", 25 cal. (single D. P.)
21	NEW ORLEANS	do. <sup>1</sup>	do
22	NORFOLK <sup>3</sup>	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
23	NORTHAMPTON <sup>3</sup>	do. <sup>1</sup>	do
24	OREGON CITY <sup>3</sup>	do. <sup>1</sup>	12 5", 38 cal. (twin D. P.)
25	PENSACOLA	10 8", 55 cal. <sup>2</sup>	8 5", 25 cal. (single D. P.)

<sup>1</sup> In 3 turrets.<sup>2</sup> Nos. 1 and 4 twin mounts, Nos. 2 and 3 triple mounts.<sup>3</sup> Ultimate approved armament.

## HEAVY CRUISERS (CA).

40-mm AA mounts	Catapults			Name and official number		
	Num-ber	Type	Location			
11 quad., 2 twin <sup>1</sup>	2	Powder	Aft	ALBANY	CA123	1
4 quad., 4 twin	2	do	Amidships	AUGUSTA	CA31	2
12 quad	2	do	Aft	BALTIMORE	CA68	3
12 quad	2	do	do	BOSTON	CA69	4
11 quad., 2 twin <sup>1</sup>	2	do	do	BREMERTON	CA130	5
11 quad., 2 twin <sup>1</sup>	2	do	do	BRIDGEPORT	CA127	6
11 quad., 2 twin <sup>1</sup>	2	do	do	CAMBRIDGE	CA126	7
12 quad <sup>1</sup>	2	do	do	CANBERRA	CA70	8
5 quad., 4 twin	2	do	Amidships	CHESTER	CA27	9
11 quad., 2 twin <sup>1</sup>	2	do	Aft	CHICAGO	CA136	10
11 quad., 2 twin <sup>1</sup>	2	do	do	COLUMBUS	CA74	11
12 quad <sup>1</sup>	2	do	do	DES MOINES	CA134	12
11 quad., 2 twin <sup>1</sup>	2	do	do	FALL RIVER	CA131	13
11 quad., 2 twin <sup>1</sup>	2	do	do	HELENA	CA75	14
6 quad	2	do	Amidships	INDIANAPOLIS	CA35	15
11 quad., 2 twin <sup>1</sup>	2	do	Aft	KANSAS CITY	CA128	16
11 quad., 2 twin <sup>1</sup>	2	do	do	LOS ANGELES	CA135	17
5 quad., 4 twin	2	do	Amidships	LOUISVILLE	CA28	18
11 quad., 2 twin <sup>1</sup>	2	do	Aft	MACON	CA132	19
6 quad	2	do	Amidships	MINNEAPOLIS	CA36	20
6 quad	1	do	do	NEW ORLEANS	CA32	21
11 quad., 2 twin <sup>1</sup>	2	do	Aft	NORFOLK	CA137	22
11 quad., 2 twin <sup>1</sup>	2	do	do	NORTHAMPTON	CA125	23
11 quad., 2 twin <sup>1</sup>	2	do	do	OREGON CITY	CA122	24
6 quad	2	do	Amidships	PENSACOLA	CA24	25

<sup>1</sup> Ultimate approved armament.

## HEAVY CRUISERS (CA).

	Name and official number	By whom and where built or building	Contract price of hull and machinery (dollars)	Date of act authorizing the building	Contract signed
1	ALBANY.....CA123	Bethlehem Steel Co. (Fore River).	25, 171, 000	July 9, 1942	Aug. 7, 1942
2	AUGUSTA.....CA31	Newport News S. B. Co....	10, 567, 000	Dec. 18, 1924	June 13, 1927
3	BALTIMORE.....CA68	Bethlehem Steel Co. (Fore River).	23, 618, 000	June 14, 1940	July 1, 1940
4	BOSTON.....CA69	.....do.....	23, 618, 000	.....do.....	.....do.....
5	BREMERTON....CA130	New York S. B. Corp.....	24, 900, 000	July 9, 1942	Aug. 7, 1942
6	BRIDGEPORT...CA127	Bethlehem Steel Co. (Fore River).	25, 171, 000	.....do.....	.....do.....
7	CAMBRIDGE....CA126	.....do.....	25, 171, 000	.....do.....	.....do.....
8	CANBERRA.....CA70	.....do.....	23, 618, 000	June 14, 1940	July 1, 1940
9	CHESTER.....CA27	New York S. B. Corp. <sup>3</sup> ....	10, 815, 000	Dec. 18, 1924	June 13, 1927
10	CHICAGO.....CA136	Navy Yard, Philadelphia...	21, 300, 000	July 9, 1942	Aug. 7, 1942
11	COLUMBUS.....CA74	Bethlehem Steel Co. (Fore River).	23, 618, 000	July 19, 1940	Sept. 9, 1940
12	DES MOINES...CA134	.....do.....	28, 550, 000	July 9, 1942	Sept. 25, 1943 <sup>1</sup>
13	FALL RIVER...CA131	New York S. B. Corp.....	24, 900, 000	.....do.....	Aug. 7, 1942
14	HELENA.....CA75	Bethlehem Steel Co. (Fore River).	23, 618, 000	July 19, 1940	Sept. 9, 1940
15	INDIANAPOLIS...CA35	New York S. B. Corp.....	10, 903, 200	Feb. 13, 1929	Aug. 15, 1929
16	KANSAS CITY...CA128	Bethlehem Steel Co. (Fore River).	25, 171, 000	July 9, 1942	Aug. 7, 1942
17	LOS ANGELES...CA135	Navy Yard, Philadelphia...	21, 300, 000	.....do.....	.....do.....
18	LOUISVILLE...CA28	Navy Yard, Puget Sound...	11, 100,000 <sup>2</sup>	Dec. 18, 1924	{Apr. 19, 1927 <sup>1</sup> June 13, 1927 <sup>4</sup> }
19	MACON.....CA132	New York S. B. Corp.....	24, 900, 000	July 9, 1942	Aug. 7, 1942
20	MINNEAPOLIS...CA36	Navy Yard, Philadelphia...	11, 951,000 <sup>2</sup>	Feb. 13, 1929	{July 12, 1929 <sup>1</sup> June 2, 1930 <sup>4</sup> }
21	NEW ORLEANS...CA32	Navy Yard, New York.....	12, 000,000 <sup>2</sup>	.....do.....	{July 12, 1929 <sup>1</sup> June 2, 1930 <sup>4</sup> }
22	NORFOLK.....CA137	Navy Yard, Philadelphia...	21, 300, 000	July 9, 1942	Aug. 7, 1942
23	NORTHAMPTON...CA125	Bethlehem Steel Co. (Fore River).	25, 171, 000	.....do.....	.....do.....
24	OREGON CITY...CA122	.....do.....	25, 171, 000	.....do.....	.....do.....
25	PENSACOLA.....CA24	Navy Yard, New York.....	11, 100,000 <sup>2</sup>	Dec. 18, 1924	{Mar. 7, 1925 <sup>1</sup> July 9, 1926 <sup>4</sup> }

<sup>1</sup> Date of award.<sup>2</sup> Limit of cost.<sup>3</sup> Subsidiary of American Brown and Boveri Co.  
Beginning of construction period.

## HEAVY CRUISERS (CA).

Keel laid	Ship launched	Contract date of completion	Date of preliminary acceptance	Date of first commission	Name	
Mar. 6, 1944	.....	June 15, 1945	.....	.....	ALBANY.....	1
July 2, 1928	Feb. 1, 1930	Mar. 13, 1931	Jan. 30, 1931	Jan. 30, 1931	AUGUSTA.....	2
May 26, 1941	July 28, 1942	June 14, 1943	Apr. 15, 1943	Apr. 15, 1943	BALTIMORE.....	3
June 30, 1941	Aug. 26, 1942	Aug. 14, 1943	June 30, 1943	June 30, 1943	BOSTON.....	4
Feb. 1, 1943	July 2, 1944	Dec. 15, 1944	Apr. 27, 1945	Apr. 29, 1945	BREMERTON.....	5
Jan. 13, 1945	.....	Sept. 1, 1945	.....	.....	BRIDGEPORT.....	6
Dec. 16, 1944	.....	Aug. 15, 1945	.....	.....	CAMBRIDGE.....	7
Sept. 3, 1941	Apr. 19, 1943	Dec. 14, 1943	Oct. 14, 1943	Oct. 14, 1943	CANBERRA.....	8
Mar. 6, 1928	July 3, 1929	June 13, 1930	June 23, 1930	June 24, 1930	CHESTER.....	9
July 28, 1943	Aug. 20, 1944	Feb. 19, 1945	.....	Jan. 10, 1945	CHICAGO.....	10
June 28, 1943	Nov. 30, 1944	Sept. 14, 1945	.....	.....	COLUMBUS.....	11
.....	.....	Jan. 15, 1947	.....	.....	DES MOINES.....	12
Apr. 12, 1943	Aug. 13, 1944	Jan. 15, 1945	.....	.....	FALL RIVER.....	13
Sept. 9, 1943	Apr. 28, 1945	Oct. 14, 1945	.....	.....	HELENA.....	14
Mar. 31, 1930	Nov. 7, 1931	Aug. 15, 1932	Nov. 14, 1932	Nov. 15, 1932	INDIANAPOLIS.....	15
.....	.....	Oct. 1, 1945	.....	.....	KANSAS CITY.....	16
July 28, 1943	Aug. 20, 1944	.....	.....	.....	LOS ANGELES.....	17
July 4, 1928	Sept. 1, 1930	Mar. 13, 1931	.....	Jan. 15, 1931	LOUISVILLE.....	18
June 14, 1943	Oct. 15, 1944	Feb. 15, 1945	.....	.....	MACON.....	19
June 27, 1931	Sept. 6, 1933	Oct. 2, 1933	.....	May 19, 1934	MINNEAPOLIS.....	20
Mar. 14, 1931	Apr. 12, 1933	June 2, 1933	.....	Feb. 15, 1934	NEW ORLEANS.....	21
Dec. 27, 1944	.....	.....	.....	.....	NORFOLK.....	22
Aug. 31, 1944	.....	Aug. 1, 1945	.....	.....	NORTHAMPTON.....	23
Apr. 8, 1944	.....	June 1, 1945	.....	.....	OREGON CITY.....	24
Oct. 27, 1926	Apr. 25, 1929	July 9, 1929	.....	Feb. 6, 1930	PENSACOLA.....	25

## HEAVY CRUISERS (CA).

	Name and official number	Length over all		Length on water line		Extreme beam		Standard displacement	Trial speed
		<i>Ft.</i>	<i>In.</i>	<i>Ft.</i>	<i>In.</i>	<i>Ft.</i>	<i>In.</i>		
26	PITTSBURGH (EX-ALBANY) <sup>3</sup> .....CA72	673	5	664	0	70	10	13,600	32.6
27	PORTLAND.....CA33	610	3	592	0	66	1	19,800	32.6
28	QUINCY (EX-ST. PAUL) <sup>3</sup> .....CA71	673	5	664	0	71	0	13,600	32.6
29	ROCHESTER <sup>3</sup> .....CA124	673	5	664	0	70	10	13,700	32.6
30	SAINT PAUL (EX-ROCHESTER) <sup>3</sup> .....CA73	673	5	664	0	70	10	13,600	32.6
31	SALT LAKE CITY.....CA25	585	8	570	0	65	3	19,100	32.8
32	SAN FRANCISCO <sup>3</sup> .....CA38	588	0	578	0	61	9	19,950	32.0
33	SCRANTON <sup>3</sup> .....CA138	673	5	664	0	70	10	13,700	32.6
34	TOLEDO.....CA133	673	5	664	0	70	10	13,600	32.6
35	TULSA <sup>3</sup> .....CA129	673	5	664	0	70	10	13,700	32.6
36	TUSCALOOSA <sup>3</sup> .....CA37	588	2	578	0	61	9	9,975	32.0
37	WICHITA <sup>3</sup> .....CA45	608	4	600	0	61	9	10,000	33.7
38	NUMBER 139 <sup>3</sup> .....CA139	716	6	700	0	76	4	17,000	33.0
39	NUMBER 140 <sup>3 5</sup> .....CA140	716	6	700	0	76	4	17,000	33.0
40	NUMBER 141 <sup>3</sup> .....CA141	716	6	700	0	76	4	17,000	33.0
41	NUMBER 142 <sup>3</sup> .....CA142	716	6	700	0	76	4	17,000	33.0
42	NUMBER 143 (EX-CL143) <sup>3</sup> .....CA143	716	6	700	0	76	4	17,000	33.0
43	NUMBER 148 (EX-CL148) <sup>3 6</sup> .....CA148	716	6	700	0	76	4	17,000	33.0
44	NUMBER 149 (EX-CL149) <sup>3</sup> .....CA149	716	6	700	0	76	4	17,000	33.0

<sup>1</sup> As built.<sup>2</sup> Estimated, based on Model Basin tests.<sup>3</sup> Fitted as flagship.<sup>4</sup> Trial Board requirement at trial displacement.<sup>5</sup> CA 140 has been named DALLAS.<sup>6</sup> CA 148 has been named NEWPORT NEWS.

## HEAVY CRUISERS (CA).

Trial displacement	Full load displacement	Tons per inch immersion		Limiting draft		Maximum navigational draft <sup>1</sup>	Total accommodations		Name		
		<i>Ft.</i>	<i>In.</i>	<i>Ft.</i>	<i>In.</i>		Officers	En-listed			
<sup>1</sup> 16,570	<sup>2</sup> 16,820	<i>Ft.</i>	<i>In.</i>	<i>Ft.</i>	<i>In.</i>	26	5	89	1,559	PITTSBURGH.....	26
11,063	<sup>3</sup> 14,150	65	22	10	24	6	71	1,158	PORTLAND.....	27	
16,570	<sup>3</sup> 17,200	82	24	2	24	7	142	1,897	QUINCY.....	28	
16,570	<sup>2</sup> 17,070	82			26	4	129	1,840	ROCHESTER.....	29	
16,570	<sup>2</sup> 16,820	82			26	5	122	1,780	SAINT PAUL.....	30	
10,528	<sup>3</sup> 13,700	62	22	5	22	5	81	1,054	SALT LAKE CITY.....	31	
12,500	<sup>3</sup> 13,500	61	24	4	24	5	78	1,039	SAN FRANCISCO.....	32	
16,570	<sup>2</sup> 17,070	82			26	4	129	1,840	SCRANTON.....	33	
16,570	<sup>2</sup> 17,070	82			26	4	129	1,840	TOLEDO.....	34	
16,570	<sup>2</sup> 17,070	82			26	4	129	1,840	TULSA.....	35	
12,500	<sup>3</sup> 13,500	61	24	4	24	8	77	965	TUSCALOOSA.....	36	
11,482	<sup>3</sup> 13,700	65	24	8	25	0	81	1,262	WICHITA.....	37	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 139.....	38	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 140.....	39	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 141.....	40	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 142.....	41	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 143.....	42	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 148.....	43	
<sup>4</sup> 19,930	<sup>2</sup> 20,950	94			25	6	169	1,719	No. 149.....	44	

<sup>1</sup> Includes projections below keel, if any.<sup>2</sup> Designed.<sup>3</sup> Displacement at limiting draft.<sup>4</sup> Bureau weight estimate.

## HEAVY CRUISERS (CA).

	Name and official number	Number of propellers	Manufacturer and type of engines	Shaft horsepower	Boilers		Steam conditions for full power	
					Number	Type	Pressure	Temperature
26	PITTSBURGH.....CA72	4	G. E. turb.....	120,000	4	B. & W.....	<i>p. s. i.</i> 565	<i>Deg. F.</i> 850
27	PORTLAND.....CA33	4	Beth Par. turb....	107,000	8	Yarrow.....	300	572
28	QUINCY.....CA71	4	G. E. turb.....	120,000	4	B. & W.....	565	850
29	ROCHESTER.....CA124	4	do.....	120,000	4	do.....	565	850
30	SAINT PAUL.....CA73	4	do.....	120,000	4	do.....	565	850
31	SALT LAKE CITY..CA25	4	N. Y. S. Par. turb..	107,000	8	W. F.....	300	422
32	SAN FRANCISCO..CA38	4	Westgh. turb.....	107,000	8	B. & W.....	300	572
33	SCRANTON.....CA138	4	G. E. turb.....	120,000	4	do.....	565	850
34	TOLEDO.....CA133	4	do.....	120,000	4	do.....	565	850
35	TULSA.....CA129	4	do.....	120,000	4	do.....	565	850
36	TUSCALOOSA.....CA37	4	N. Y. S. Par. turb..	107,000	8	do.....	300	572
37	WICHITA.....CA45	4	do.....	100,000	8	do.....	400	648
38	NUMBER 139.....CA139	4	G. E. turb.....	120,000	4	do.....	565	850
39	NUMBER 140.....CA140	4	do.....	120,000	4	do.....	565	850
40	NUMBER 141.....CA141	4	do.....	120,000	4	do.....	565	850
41	NUMBER 142.....CA142	4	do.....	120,000	4	do.....	565	850
42	NUMBER 143.....CA143	4	do.....	120,000	4	do.....	565	850
43	NUMBER 148.....CA148	4	do.....	120,000	4	do.....	565	850
44	NUMBER 149.....CA149	4	do.....	120,000	4	do.....	565	850

## HEAVY CRUISERS (CA).

Main reduction gears		Ship's service generators				Fuel capacities			Official number
Type	Manufacturer	Number	Type of drive	Capacity each	Voltage	Fuel oil	Diesel oil	Gasoline	
Dbl.....	Falk.....	4	Turbo.....	<i>Kw.</i> 750	450 A. C.....	<i>Barrels</i> 16,420	<i>Barrels</i> 569	<i>Gallons</i> 9,000	CA72... 26
Sgl.....	do.....	4	do.....	250	240/120 D. C...	19,983	286	7,800	CA33... 27
Dbl.....	do.....	4	do.....	750	450 A. C.....	16,857	571	9,000	CA71... 28
do.....	do.....	4	do.....	750	450 A. C.....	16,420	569	13,195	CA124... 29
do.....	do.....	4	do.....	750	450 A. C.....	16,420	569	9,000	CA73... 30
Sgl.....	DeLaval...	4	do.....	250	240/120 D. C...	19,983	174	7,200	CA25... 31
do.....	Westgh.....	4	do.....	250	240/120 D. C...	14,589	153	7,200	CA38... 32
Dbl.....	Falk.....	4	do.....	750	450 A. C.....	16,420	569	13,195	CA138... 33
do.....	do.....	4	do.....	750	450 A. C.....	16,420	569	13,195	CA133... 34
do.....	do.....	4	do.....	750	450 A. C.....	16,420	569	13,195	CA129... 35
Sgl.....	do.....	4	do.....	250	240/120 D. C...	14,703	114	7,000	CA37... 36
do.....	do.....	4	do.....	500	450 A. C.....	14,095	437	4,000	CA45... 37
Dbl.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA139... 38
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA140... 39
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA141... 40
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA142... 41
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA143... 42
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA148... 43
do.....	do.....	4	do.....	1,500	450 A. C.....	18,236	916	8,800	CA149... 44

## HEAVY CRUISERS (CA).

	Name	Armament	
		Main	Secondary
26	PITTSBURGH.....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
27	PORTLAND.....	9 8", 55 cal. <sup>1</sup> .....	8 5", 25 cal. (single D. P.).....
28	QUINCY.....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
29	ROCHESTER <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
30	SAINT PAUL <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
31	SALT LAKE CITY.....	10 8", 55 cal. <sup>2</sup> .....	8 5", 25 cal. (single D. P.).....
32	SAN FRANCISCO.....	9 8", 55 cal. <sup>1</sup> .....	8 5", 25 cal. (single D. P.).....
33	SCRANTON <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
34	TOLEDO <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
35	TULSA <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
36	TUSCALOOSA.....	9 8", 55 cal. <sup>1</sup> .....	8 5", 25 cal. (single D. P.).....
37	WICHITA.....	9 8", 55 cal. <sup>1</sup> .....	8 5", 38 cal. (single D. P.).....
38	No. 139 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
39	No. 140 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
40	No. 141 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
41	No. 142 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
42	No. 143 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
43	No. 148 <sup>2</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....
44	No. 149 <sup>3</sup> .....	9 8", 55 cal. <sup>1</sup> .....	12 5", 38 cal. (twin D. P.).....

<sup>1</sup> In 3 turrets.<sup>2</sup> Nos. 1 and 4 twin mounts, Nos. 2 and 3 triple mounts.<sup>3</sup> Ultimate approved armament.

## HEAVY CRUISERS (CA).

40-mm AA mounts	Catapults			Name and official number	
	Number	Type	Location		
11 quad., 2 twin.....	2	Powder.....	Aft.....	PITTSBURGH.....CA72	26
4 quad., 4 twin.....	2	do.....	Amidships.....	PORTLAND.....CA33	27
12 quad.....	2	do.....	Aft.....	QUINCY.....CA71	28
11 quad., 2 twin <sup>1</sup> .....	2	do.....	do.....	ROCHESTER.....CA124	29
11 quad., 2 twin <sup>1</sup> .....	2	do.....	do.....	SALT LAKE CITY.....CA25	31
6 quad.....	2	do.....	Amidships.....	SAN FRANCISCO.....CA33	32
6 quad.....	2	do.....	do.....	SCRANTON.....CA138	33
11 quad., 2 twin <sup>1</sup> .....	2	do.....	Aft.....	TOLEDO.....CA133	34
11 quad., 2 twin <sup>1</sup> .....	2	do.....	do.....	TULSA.....CA129	35
6 quad.....	2	do.....	Amidships.....	TUSCALOOSA.....CA37	36
6 quad.....	1	do.....	Aft.....	WICHITA.....CA45	37
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 139.....CA139	38
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 140.....CA140	39
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 141.....CA141	40
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 142.....CA142	41
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 143.....CA143	42
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 148.....CA148	43
12 quad. <sup>1</sup> .....	2	do.....	do.....	No. 149.....CA149	44

<sup>1</sup> Ultimate approved armament.

## HEAVY CRUISERS (CA).

	Name and official number	By whom and where built or building	Contract price of hull and machinery (dollars)	Date of act authorizing the building	Contract signed
26	PITTSBURGH .....CA72	Bethlehem Steel Co. (Fore River).	23,618,000	July 19, 1940	Sept. 9, 1940
27	PORTLAND .....CA33	Bethlehem S. B. Corp., Quincy.	10,753,000	Feb. 13, 1929	Aug. 15, 1929
28	QUINCY .....CA71	Bethlehem Steel Co. (Fore River).	23,618,000	June 14, 1940	July 1, 1940
29	ROCHESTER .....CA124	.....do.....	25,171,000	July 9, 1942	Aug. 7, 1942
30	SAINT PAUL .....CA73	.....do.....	23,618,000	July 19, 1940	Sept. 9, 1940
31	SALT LAKE CITY. CA25	New York S. B. Corp.....	8,673,833	Dec. 18, 1924	{July 9, 1926 } {Apr. 16, 1927 <sup>2</sup> }
32	SAN FRANCISCO..CA38	Navy Yard, Mare Island....	11,318,000 <sup>6</sup>	Feb. 13, 1929	Oct. 11, 1930 <sup>3</sup>
33	SCRANTON .....CA138	Navy Yard, Philadelphia...	21,300,000	July 9, 1942	Aug. 7, 1942
34	TOLEDO .....CA133	New York S. B. Corp.....	24,900,000	.....do.....	.....do.....
35	TULSA .....CA129	Bethlehem Steel Co. (Fore River).	25,171,000	July 9, 1942	.....do.....
36	TUSCALOOSA .....CA37	New York S. B. Corp.....	10,450,000	Feb. 13, 1929	Mar. 3, 1931
37	WICHITA .....CA45	Navy Yard, Philadelphia...	14,115,000	Feb. 13, 1929 <sup>5</sup>	{Aug. 22, 1934 <sup>3</sup> } {Nov. 1, 1934 <sup>4</sup> }
38	No. 139 .....CA139	Bethlehem Steel Co. (Fore River).	28,550,000	Mar. 27, 1934	June 14, 1943
39	No. 140 .....CA140	.....do.....	28,550,000	.....do.....	.....do.....
40	No. 141 .....CA141	.....do.....	28,550,000	.....do.....	.....do.....
41	No. 142 .....CA142	.....do.....	28,550,000	.....do.....	.....do.....
42	No. 143 .....CA143	.....do.....	28,550,000	.....do.....	Apr. 8, 1944
43	No. 148 .....CA148	Newport News S. B. & D. D. Co.	27,700,000	.....do.....	Apr. 8, 1944
44	No. 149 .....CA149	.....do.....	27,700,000	.....do.....	.....do <sup>1</sup> .....

<sup>1</sup> Date of award.<sup>2</sup> Date of supplementary contract.<sup>3</sup> Date assigned to yard.<sup>4</sup> Beginning of construction period.<sup>5</sup> Together with act of Mar 27, 1934.<sup>6</sup> Limit of cost.

## HEAVY CRUISERS (CA).

Keel laid	Ship launched	Contract date of completion	Date of preliminary acceptance	Date of first commission	Name	
Feb. 3, 1943	Feb. 22, 1944	July 14, 1945	Oct. 9, 1944	Oct. 10, 1944	PITTSBURGH.....	26
Feb. 17, 1930	May 21, 1932	Aug. 15, 1932	Feb. 15, 1933	Feb. 23, 1933	PORTLAND.....	27
Oct. 9, 1941	June 23, 1943	Apr. 14, 1944	Dec. 15, 1943	Dec. 15, 1943	QUINCY.....	28
May 29, 1944	.....	July 15, 1945	.....	.....	ROCHESTER.....	29
Feb. 3, 1943	Sept. 16, 1944	Aug. 14, 1945	Feb. 16, 1945	Feb. 17, 1945	SAINT PAUL.....	30
June 9, 1927	Jan. 23, 1929	July 9, 1929	Dec. 9, 1929	Dec. 11, 1929	SALT LAKE CITY....	31
Sept. 9, 1931	Mar. 9, 1933	Feb. 11, 1934	.....	Feb. 10, 1934	SAN FRANCISCO.....	32
Dec. 27, 1944	.....	.....	.....	.....	SCRANTON.....	33
Sept. 13, 1943	May 6, 1945	June 1, 1945	.....	.....	TOLEDO.....	34
.....	.....	Dec. 1, 1945	.....	.....	TULSA.....	35
Sept. 3, 1931	Nov. 15, 1933	Mar. 3, 1934	Aug. 17, 1934	Aug. 17, 1934	TUSCALOOSA.....	36
Oct. 28, 1935	Nov. 16, 1937	Jan. 1, 1938	.....	Feb. 16, 1939	WICHITA.....	37
.....	.....	Mar. 15, 1947	.....	.....	No. 139.....	38
.....	.....	May 15, 1947	.....	.....	No. 140.....	39
.....	.....	June 1, 1947	.....	.....	No. 141.....	40
.....	.....	June 15, 1947	.....	.....	No. 142.....	41
.....	.....	Dec. 1, 1947	.....	.....	No. 143.....	42
.....	.....	May 1, 1947	.....	.....	No. 148.....	43
.....	.....	Dec. 1, 1947	.....	.....	No. 149.....	44