

PATROL VESSELS—YACHTS (PY).

Name and official number	Length over all	Length on water line	Ex- treme beam	Stand- ard dis- place- ment ²	Full load dis- place- ment	Tons per inch im- mersion	Trial speed ¹
ISABEL.....PY10	245 3	229 11	27 8	710	1,045	10	21
SYLPH (<i>ex-YP71; ex-Intrepid</i>).....PY12	205 0	150 0	33 10	810	858	8	11½
SIREN (<i>ex-CM 01; ex-Lotosland</i>).....PY13	196 5	168 9	28 0	720	800	8	12
ARGUS (<i>ex-Haida</i>).....PY14	207 6	178 0	30 0	890	1,072	9	13.5
ZIRCON (<i>ex-Nakhoda</i>).....PY16	235 4	196 8	34 0	1,220	³ 1,400	12	14.1
CARNELIAN (<i>ex-Seventeen</i>).....PY19	190 0	154 0	26 6	500	609	7	13
TOURMALINE (<i>ex-Sylvia</i>).....PY20	189 7	154 0	26 6	505	750	7	13
RUBY (<i>ex-Placida</i>).....PY21	190 0	154 0	26 6	500	640	7	13
AZURLITE (<i>ex-Vagabondia</i>).....PY22	210 11	182 0	34 0	(⁴)	1,080	10	12
BERYL (<i>ex-Rene</i>).....PY23	225 0	196 8	34 0	1,220	³ 1,400	12	14.2
ALMANDITE (<i>ex-Happy Days</i>).....PY24	185 4	165 3	27 0	(⁴)	705	7	12
CRYSTAL (<i>ex-Vida</i>).....PY25	225 0	196 8	34 0	(⁴)	³ 1,400	12	14.5
GIRASOL (<i>ex-Firenze</i>).....PY27	170 0	160 0	27 1½	(⁴)	700	7	12
MIZPAH (<i>ex-Mizpah</i>).....PY29	181 0	174 0	27 0	(⁴)	771	8	13.9
CYTHERA (<i>ex-Abril</i>).....PY31	205 7	187 3	30 0	(⁴)	800	9	15
SOUTHERN SEAS (<i>ex-Lydonia</i>).....PY32	228 0	200 0	31 3	(⁴)	1,116	10	11

¹ Maximum speed at full-load displacement.² Estimated.³ Displacement at limiting draft.⁴ Data not available.

PATROL VESSELS—YACHTS (PY).

Trial dis- place- ment	Limit- ing draft	Maxi- mum naviga- tional draft	Total accom- modations		Armaments		Official number
			Offi- cers	Enlist- ed	Main	40-mm. A. A. mounts	
<i>Tons</i>	<i>Ft. In.</i>	<i>Ft. In.</i>					
-----	-----	-----	6	121	2 3", 50 cal. (D. P.).....	-----	PY10
-----	-----	³ 16 10	7	81	2 3", 50 cal. (D. P.) ¹	-----	PY12
-----	-----	³ 11 0	6	83	2 3", 50 cal. (D. P.).....	-----	PY13
-----	-----	³ 13 5	5	54	1 3", 50 cal. (D. P.).....	-----	PY14
-----	13 5	13 5	9	95	2 3", 50 cal. (D. P.).....	-----	PY16
-----	-----	-----	9	57	(²).....	-----	PY19
-----	-----	10 6	5	56	2 3", 50 cal. (D. P.) ¹	-----	PY20
-----	-----	³ 10 11	7	60	2 3", 50 cal. (D. P.).....	-----	PY21
-----	-----	³ 12 6	11	56	2 3", 50 cal. (D. P.).....	-----	PY22
-----	13 5	13 5	6	60	2 3", 50 cal. (D. P.).....	-----	PY23
-----	-----	³ 10 4	7	68	1 3", 50 cal. (D. P.).....	-----	PY24
-----	13 5	13 5	7	120	2 3", 50 cal. (D. P.).....	-----	PY25
-----	-----	³ 10 10	4	51	1 3", 50 cal. (D. P.).....	-----	PY27
-----	-----	³ 10 7	18	62	2 3", 50 cal. (D. P.).....	-----	PY29
-----	-----	³ 10 10	7	67	1 3", 50 cal. (D. P.) ¹	-----	PY31
-----	-----	³ 14 3	9	38	(²).....	-----	PY32

¹ Ultimate authorized armament.² Only 20 mm. or smaller guns carried. For latest data see Bureau of Ordnance armament summary.³ Mean draft at full load displacement.

PATROL VESSELS—YACHTS (PY).

Name	Number of propellers	Manufacturer and type of engines	Shaft horsepower	Ship's service generators				Capacity, diesel oil
				Number	Type of drive	Capacity each	Voltage	
ISABEL.....	2	Parsons turb. ¹	8,400	{ 1 Turbo 1 do.....		<i>Kw.</i> 25 60	125 D. C. 120 D. C.	} 2,450
SYLPH.....	1	Winton Diesel 128-A.....	900	2 Diesel		60	120 D. C.	
SIREN.....	2	Winton Diesel 158.....	1,000	{ 2 do 2 do.....		60 80	125 D. C. 220 A. C.	} 530
ARGUS.....	2	Krupp Diesel.....	800	2 do		55	115 D. C.	
ZIRCON.....	2	Winton Diesel 8-157.....	1,100	{ 1 do 1 do 1 do.....		110 100 50	125 D. C. 125 D. C. 120 D. C.	} 1,450
CARNELIAN.....	2	C. B. Diesel JR-8.....	850	{ 2 do 1 do.....		50 60	125 D. C. 125 D. C.	
TOURMALINE.....	2	C. B. Diesel 8-JRDR.....	850	2 do		50	125 D. C.	405
RUBY.....	2	C. B. Diesel JR-8.....	400	{ 2 do 1 do.....		50 60	125 D. C. 125 D. C.	} 410
AZURLITE.....	2	Krupp Diesel.....	800	2 do		55	115 D. C.	
BERYL.....	2	Winton Diesel (157).....	1,100	{ 2 do 1 do.....		75 50	125 D. C. 125 D. C.	} 1,190
ALMANDITE.....	2	Krupp Diesel.....	800	{ 1 do 1 do.....		60 30	120 D. C. 125 D. C.	
CRYSTAL.....	2	Winton Diesel 157.....	1,100	{ 2 do 1 do.....		75 65	125 D. C. 125 D. C.	} 1,320
GIRASOL.....	2	Krupp Diesel (471).....	493	{ 1 do 1 do.....		40 60	125 D. C. 125 D. C.	
MIZPAH.....	2	Winton Diesel.....	850	2 do		50	125 D. C.	615
CYTHERA.....	2	Krupp Diesel.....	1,030	2 do		65	120 D. C.	625
SOUTHERN SEAS.....	2	Wm. Cramp & Sons Diesel.	750	2 do		50	110 D. C.	1,030

¹ ISABEL PY10 has 2 Normand express boilers.² Fuel oil.

PATROL VESSELS—YACHTS (PY).

By whom and where built or building	Date acquired	Year built	Date of first commission	Name and official number
Bath Iron Works, Bath, Maine.....	1917	1917	28 Dec 17	ISABEL.....PY10
Geo. Lawley & Sons Corp., Neponset, Mass.	16 Jul 40	1929	1 Oct 40	SYLPH.....PY12
Pusey & Jones Co., Wilmington, Del.	16 Oct 40	1929	15 Nov 40	SIREN.....PY13
Germania Werft, Kiel, Germany...	25 Oct 40	1929	13 Feb 41	ARGUS.....PY14
Pusey & Jones Co., Wilmington, Del.	9 Dec 40	1929	25 Mar 41	ZIRCON.....PY16
Bath Iron Works, Bath, Maine.....	13 May 41	1930	19 Nov 41	CARNELIAN.....PY19
do.....	16 May 41	1928	19 Sept 41	TOURMALINE.....PY20
do.....	19 Jun 41	1929	23 Sept 41	RUBY.....PY21
Krupp Iron Works, Kiel, Germany.	9 Dec 41	1928	16 Mar 42	AZURLITE.....PY22
Pusey & Jones Co., Wilmington, Del.	13 Dec 41	1929	17 Mar 42	BERYL.....PY23
Krupp Iron Works, Kiel, Germany.	22 Jan 42	1927	25 Apr 42	ALMANDITE.....PY24
Pusey & Jones Co., Wilmington, Del.	15 Jan 42	1929	24 Feb 42	CRYSTAL.....PY25
Krupp Iron Works, Kiel, Germany.	16 Mar 42	1926	19 May 42	GIRASOL.....PY27
Newport News S. B. & D. D. Co., Newport News, Va.	16 Mar 42	1926	26 Oct 42	MIZPAH.....PY29
Germania Werft, Kiel, Germany...	14 Jul 42	1930	31 Mar 42	CYTHERA.....PY31
Consolidated S. B. Co., New York, N. Y.	23 Nov 42	1920	23 Dec 42	SOUTHERN SEAS.....PY32

PATROL VESSELS—YACHTS, COASTAL (PYc).

Name and official number	Length over all	Length on water line	Ex- treme beam	Stand- ard dis- place- ment ³	Full load dis- place- ment	Tons per inch im- mersion ²	Trial speed ¹
SAPPHIRE (<i>ex-Buccaneer</i>).....PYc2	165 4	155 6	25 0		450	6	13.5
AMETHYST (<i>ex-Samona II</i>).....PYc3	147 0	139 2	23 10		525	6	14.5
AQUAMARINE (<i>ex-Seawolf</i>).....PYc7	124 0		20 6		215	5	12
ANDRADITE (<i>ex-Caronia</i>).....PYc11	140 2	132 6	23 6		395	5	11.7
SARDONYX (<i>ex-Queen Anne</i>).....PYc12	175 4	150 0	27 0	640	765	7	11.5
JASPER (<i>ex-Stranger</i>) ⁴PYc13	134 0	125 0	23 10		395	5	12
GARNET (<i>ex-Caritas</i>).....PYc15	156 9	147 0	25 6		490	6	14.4
CHALCEDONY (<i>ex-Velero III</i>).....PYc16	195 1	183 10	30 0		1,000	9	11.5
PYROPE (<i>ex-Oceania</i>).....PYc17	156 4	149 2	24 6		460	6	8.2
PERIDOT (<i>ex-Bymar</i>).....PYc18	144 7	136 0	22 0		300	5	12.6
RHODOLITE (<i>ex-Sea Pine</i>).....PYc19	158 0	149 11	28 0		588	7	11.3
JET (<i>ex-Thalia</i>).....PYc20	160 0	158 6	24 6		472	6	12
ALABASTER (<i>ex-Ronaele</i>).....PYc21	148 0	146 8	23 0		385	6	14.5
PHENAKITE (<i>ex-Sachem</i>).....PYc25	183 0	153 0	22 6		360	6	13.5
CYMOPHANE (<i>ex-Seaforth</i>).....PYc26	161 0	148 6	26 0		523	6	14
COLLEEN (<i>ex-Colleen</i>).....PYc27	150 0	133 4	21 11		250	5	14
ABILITY (<i>ex-Reomar IV</i>).....PYc28	133 0	123 2	21 6		280	4	13
VAGRANT (<i>ex-YP258, ex-Vagrant</i>).....PYc30	117 6	100 0	25 2		425	4	12
FELICIA (<i>ex-Felicia</i>).....PYc35	147 9	131 6	24 10		447	6	11.5
MENTOR (<i>ex-Haida</i>).....PYc37	127 0	123 9	21 0		182	4	13
MARNELL (<i>ex-Marnell</i>).....PYc39	135 0		22 8		180	5	14
LEADER (<i>ex-Curlew</i>).....PYc42	117 0	110 0	19 6		230	4	13
PERSEVERANCE (<i>ex-Bedford (C. G.), ex-Condor</i>).....PYc44	164 5		14 7		² 190	4	18
VENTURE (<i>ex-PC826, ex-Vixen</i>) ⁴PYc52	110 0	108 0	17 6		138	3	17

¹ Maximum speed at full load displacement as reported by ship.² Estimated.³ Data not available except as indicated.⁴ Wood hull.

PATROL VESSELS—YACHTS, COASTAL (PYc).

Trial dis- place- ment	Limit- ing draft	Maxi- mum naviga- tional draft ⁴	Total accom- modations		Armament		Offic'ial number
			Offi- cers	Enlist- ed	Main	40-mm. A. A. mounts	
<i>Tons</i>	<i>Ft. In.</i>	<i>Ft. In.</i>					
		11 0	6	53	2 3'', .50 cal. (D. P.) ¹		PYc2
		10 10	7	46		1 sgl	PYc3
			10	26	2 3'', .23 cal. (D. P.) ¹		PYc7
		9 4	9	47	1 3'', .23 cal. (D. P.)		PYc11
		11 11	5	60	1 3'', .50 cal. (D. P.)		PYc12
					2 3'', .50 cal. (D. P.) ¹		PYc13
					1 3'', .50 cal. (D. P.)		PYc15
		14 3	9	62	1 3'', .23 cal. (D. P.)		PYc16
		10 3	4	45		1 sgl	PYc17
		8 0	6	42	1 3'', .50 cal. (D. P.)		PYc18
		10 6	7	49	1 3'', .50 cal. (D. P.)		PYc19
		9 8	6	45	1 3'', .50 cal. (D. P.)		PYc20
		8 3	4	44		1 sgl	PYc21
		9 7	4	36	1 3'', .23 cal. (D. P.)		PYc25
		9 9	4	45			PYc26
		8 10	6	22	1 3'', .50 cal. (D. P.) ¹		PYc27
		8 0	4	39			PYc28
		10 0	2	30			PYc30
		9 4	6	36			PYc35
		6 4	4	31		1 sgl	PYc37
		7 3	3	42			PYc39
		7 3	3	22			PYc42
		5 6	4	20			PYc44
		6 0	2	22			PYc52

¹ Ultimate authorized armament.² Only 20-mm. and smaller guns carried. For latest data see Bureau of Ordnance Armament Summary.³ All armament removed.⁴ Mean draft at full load displacement.

PATROL VESSELS—YACHTS, COASTAL (PYc).

Name	Number of propellers	Manufacturer and type of engines	Shaft horsepower	Ship's service generators				Capacity diesel oil Bbls.
				Number	Type of drive	Capacity each Kw.	Voltage	
SAPPHIRE.....	2	C. B. Diesel.....	850	2	Diesel..	50	120 D. C.	480
AMETHYST.....	2	Winson Diesel (158-6).....	1000	{ 1 1 1	{ do do do	{ 30 25 10	{ do do do	410
AQUAMARINE.....	2	Union Diesel.....		{ 1 1	{ do do	{ 40 15	{ do do	105
ANDRADITE.....	2	C. B. Diesel (8-GX-6MR).....	600	2	do	25	do	215
SARDONYX.....	2	Krupp Diesel.....	800	2	do	30	do	400
JASPER.....	2	Wash. Diesel.....	800	{ 2 1 1	{ do do do	{ 15 10 20	{ do do do	420
GARNET.....	2	Union Diesel L-8.....	640	2	do	30	do	350
CHALCEDONY.....	2	Winton Diesel (128A).....	850	2	do	75	do	1,250
PYROPE.....	2	Krupp Diesel.....	600	2	do	20	do	415
PERIDOT.....	2	Winton Diesel (8-241) ¹	500	{ 2 1	{ do do	{ 20 30	{ do do	175
RHODOLITE.....	2	C. B. Diesel JR-8.....	435	2	do	50	do	550
JET.....	2	Winton Diesel (115A).....	600	{ 1 1	{ do do	{ 60 30	{ do do	415
ALABASTER.....	2	Winton Diesel.....		2	do	30	do	
PHENAKITE.....	1	F. M. Diesel (37D14).....	805	{ 1 1	{ do do	{ 15 12	{ do do	170
CYMOPHANE.....	2	Winton Diesel 121.....	900	{ 1 1	{ do do	{ 30 60	{ do do	560
COLLEEN.....	2	do.....115A	1,200	2	do	20	do	195
ABILITY.....	2	C. B. Diesel (8-G6MR).....	300	2	do	20	do	150
VAGRANT.....	1	C. B. Diesel EN-8TR.....	400	2	do	20	do	140
FELICIA.....	2	C. B. Diesel FP-8.....	660	1	do	50	do	175
MENTOR.....	2	C. B. Diesel EN-8.....	600	2	do	25	do	150
MARNELL.....	2	C. B. Diesel (J-R-6).....	600	2	do	30	do	160
LEADER.....	2	C. B. Diesel FP-6.....	275	1	do	15	do	155
PERSEVERANCE.....	2	Geo. Lawley & Sons Vert. 3-exp. ²	2200	3	Turbo..	10	do	190
VENTURE.....	3	Consolidated Diesel.....	900	2	Diesel..	7	do	

¹ Farrel Birmingham single reduction gear.² 2 Lawley express water tube boilers.

PATROL VESSELS—YACHTS, COASTAL (PYc).

By whom and where built or building	Date acquired	Year built	Date of first commission	Name and official number
Geo. Lawley & Sons, Corp., Neponset, Mass.	1 Nov 40	1929	6 Jun 41	SAPPHIRE.....PYc2
Craig Shipbuilding Co., Long Beach, Calif.	4 Nov 40	1931	27 Feb 41	AMETHYST.....PYc3
Pusey & Jones Company, Wilmington, Del.	13 Jan 41	1926	14 Jan 41 ¹	AQUAMARINE.....PYc7
Defoe Boat & Motor Works, Bay City, Mich.	16 Mar 42	1927	18 Apr 42	ANDRADITE.....PYc11
Germania Werft, Kiel, Germany...	19 Jun 41	1928	15 Aug 41	SARDONYX.....PYc12
Lake Union D. D. Co., Seattle, Wash.	1 Jul 41	1938	8 Jul 41 ¹	JASPER.....PYc13
Krupp Iron Works, Kiel, Germany...	1 Dec 41	1925	4 Jul 42	GARNET.....PYc15
{ Craig Shipbuilding Co., Long Beach, Calif.	15 Dec 41	1931	27 Feb 42	CHALCEDONY.....PYc16
Germania Werft, Kiel, Germany...	15 Dec 41	1923	11 Mar 42	PYROPE.....PYc17
Defoe Boat & Motor Works, Bay City, Mich.	22 Dec 41	1938	11 Apr 42	PERIDOT.....PYc18
Bath Iron Works, Bath, Maine.....	29 Dec 41	1931	14 Mar 42	RHODOLITE.....PYc19
Defoe Boat & Motor Works, Bay City, Mich.	27 Jan 42	1930	4 Apr 42	JET.....PYc20
Mathis Yacht Bldg. Co., Camden, N. J.	3 Jan 42	1932	31 Jan 42	ALABASTER.....PYc21
Pusey & Jones Company, Wilmington, Del.	17 Feb 42	1902	1 Jul 42	PHENAKITE.....PYc25
Newport News S. B. & D. D. Co., Newport News, Va.	2 Mar 42	1926	2 Mar 42 ¹	CYMOPHANE.....PYc26
Pusey & Jones Company, Wilmington, Del.	5 Mar 42	1928	2 Sept 42	COLLEEN.....PYc27
Defoe Boat & Motor Works, Bay City, Mich.	12 Mar 42	1926	28 Sept 42	ABILITY.....PYc28
Bath Iron Works, Bath, Maine.....	23 Mar 42	1941	4 May 42	VAGRANT.....PYc30
do.....	8 Apr 42	1931	27 Jun 42	FELICIA.....PYc35
Robert Jacobs, Inc., City Island, N. Y.	9 Apr 42	1941	19 Jan 44	MENTOR.....PYc37
Defoe Boat & Motor Works, Bay City, Mich.	13 Apr 42	1930	31 Jul 42	MARNELL.....PYc39
White & Co., Ltd., Southampton, England.	24 Oct 42		24 Oct 42	LEADER.....PYc42
	1 Mar 43	1913	1 Mar 43	PERSEVERANCE.....PYc44
Consolidated Shipbuilding Corp., New York, N. Y.	27 Dec 41	1913	10 Mar 42	VENTURE.....PYc52

¹ Placed in service.