

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Royal Navy					
Admiral		Battleship	1920	400	
Admiral	Hood - (Remove LGs 5.5", increase 4" LG to AD 7)		1940	375	
Admiral	Hood		1941	435	425
Admiral	Hood		1942	685	455
King George V		Battleship	1940	600	
King George V	Prince of Wales		1941	625	
King George V	Duke of York,		1941	620	
King George V	Anson, Howe, King George V		1942	620	
King George V	Duke of York, King George V		1943	625	
King George V	Anson, Howe		1943	630	
King George V	Anson		1944	650	
King George V	Duke of York		1944	645	
King George V	King George V		1944	725	665
King George V	Howe		1944	730	735
King George V	Anson		1945	755	690
King George V	Duke of York		1945	750	755
King George V	Howe		1945	755	
lion		battleship	----	900	
N3		battleship	----	950	
Nelson (Q turret P&S arc only)		Battleship	1927	600	
Nelson	Rodney		1939	610	
Nelson	Nelson		1940	625	
Nelson	Rodney		1941	635	
Nelson	Nelson		1941	685	
Nelson	Rodney		1942	700	
Nelson	Nelson		1942	685	
Nelson	Nelson		1943	695	
Nelson	Rodney		1944	710	
Nelson	Nelson		1945	715	
QE (group 1)		Battleship	1915 (refit 1934)	375	
QE (group 1)	Malaya		1934	370	
QE (group 1)	Barnham		1941	400	
QE (group 1)	Malaya		1942	385	390
QE (group 1)	Malaya		1943	435	430
QE (group 1)	Malaya		1944	405	410
QE (group 2)		Battleship	1914 (refit 1940)	375	
QE (group 2)	Queen Elizabeth		1941	425	
QE (group 2)	Queen Elizabeth		1942	425	
QE (group 2)	Valiant		1943	415	410
QE (group 2)	Valiant		1944	435	455
QE (group 3)		Battleship	1915 (refit 1937)	375	
QE (group 3)	Warspite		1942	430	
QE (group 3)	Warspite		1943	425	
QE (group 3)	Warspite		1944	405	

VaS Wardroom - NatCB - Feb 2023

Renown (group 1)		Battleship	1916 (refit 1939)	370	
Renown (group 1)	Renown		1942	410	415
Renown (group 1)	Renown		1943	410	405
Renown (group 1)	Renown		1944	415	
Renown (group 1)	Renown		1945	395	400
Renown (group 2)		Battleship	1916 (refit 1936)	360	
Renown (group 2)	Repulse		1940	360	365
Renown (group 2)	Repulse		1941	405	410
Revenge		Battleship	1916	375	
Revenge	Resolution		1916	415	425
Revenge	Royal Sovereign		1918	410	420
Revenge	Revenge		1919	375	370
Revenge	Royal Oak		1919	380	375
Revenge	Resolution		1941	455	450
Revenge	Royal Sovereign		1941	435	435
Revenge	Ramilies		1942	365	
Revenge	Resolution		1942	405	415
Revenge	Revenge		1942	370	
Revenge	Royal Sovereign		1942	365	
Revenge	Ramilies		1943	370	
Revenge	Resolution		1943	415	
Revenge	Royal Sovereign		1943	425	
Revenge	Royal Sovereign		1944	415	
Vanguard		battleship	----(46)	650	
Ark Royal		Carrier	1938	250	
Ark Royal	Ark Royal		1941	265	
Audacious		Carrier	----(47)	300	
Colossus		Carrier	1944	130	
Colossus	Ocean		1945	140	
Colossus	Colossus, Glory, Venerable, Vengeance		1945	135	
Courageus		Carrier	1917 (1928 as carrier)	180	
Eagle		Carrier	1924	110	
Eagle	Eagle		1942	135	
Furious		Carrier	1917 (1925 as carrier)	160	
Furious	Furious		1941	165	
Furious	Furious		1943	175	
Furious	Furious		1943	225	200
Hermes		Carrier	1924	95	
Illustrious		Carrier	1940	180	
Illustrious	Formidable, Illustrious, Victorious		1941	185	
Illustrious	Formidable		1943	210	215
Illustrious	Formidable		1943	235	240
Illustrious	Illustrious		1943	220	225
Illustrious	Illustrious		1943	245	250
Illustrious	Victorious		1943	235	240
Illustrious	Victorious		1943	260	265
Illustrious	Formidable		1944	270	

VaS Wardroom - NatCB - Feb 2023

<i>Illustrious</i>	Illustrious		1944	275	
<i>Illustrious</i>	Victorious		1944	290	285
<i>Illustrious</i>	Formidable		1945	280	
<i>Illustrious</i>	Victorious		1945	290	285
Implacable		Carrier	1944	300	
<i>Implacable</i>	Orignial Design		1944	250	275
<i>Implacable</i>	Implacable		1945	315	
<i>Implacable</i>	Implacable - OD		1945	265	290
<i>Implacable</i>	Indefatigable		1945	310	
<i>Implacable</i>	Indefatigable - OD		1945	260	285
Indomitable		Carrier	1941	220	
<i>Indomitable</i>	Indomitable		1942	245	
<i>Indomitable</i>	Indomitable		1943	295	
<i>Indomitable</i>	Indomitable		1944	345	
<i>Indomitable</i>	Indomitable		1945	345	
Malta		Carrier	----	325	
Unicorn		Carrier	1943	135	
<i>Unicorn</i>	Unicorn		1944	150	
Activity		carrier / civilian	1942	60	
Archer		carrier / civilian	1941	60	
<i>Archer</i>	Archer		1942	65	
<i>Archer</i>	Archer		1943	70	
Argus		carrier / civilian	1918	80	
<i>Argus</i>	Argus		1940	90	
<i>Argus</i>	Argus		1942	95	
Attacker		carrier / civilian	1942	85	
<i>Attacker</i>	Battler		1943	95	90
<i>Attacker</i>	Searcher		1944	90	
<i>Attacker</i>	Fencer, Pursuer, Striker		1945	90	
Audacity		carrier / civilian	1941	50	
Avenger		carrier / civilian	1941	60	
<i>Avenger</i>	Biter		1941	65	
<i>Avenger</i>	Biter		1942	70	
<i>Avenger</i>	Dasher		1942	65	
Campania		carrier / civilian	1944	65	
Merchant carrier		carrier / civilian	1943	40	
Pretoria Castle		carrier / civilian	1943	75	
Ruler		carrier / civilian	1943	85	
<i>Ruler</i>	Arbiter		1945	90	
<i>Ruler</i>	Trouncer		1945	95	
Vidnex		carrier / civilian	1944	75	
Arethusa		Cruiser	1935	80	
<i>Arethusa</i>	Aurora		1935	80	85
<i>Arethusa</i>	Galatea, Penelope		1935	90	
<i>Arethusa</i>	Aurora		1940	85	90
<i>Arethusa</i>	Galatea		1941	90	
<i>Arethusa</i>	Arethusa		1941	90	

VaS Wardroom - NatCB - Feb 2023

<i>Arethusa</i>	Aurora		1941	95	100
<i>Arethusa</i>	Penelope		1941	90	
<i>Arethusa</i>	Arethusa		1942	100	
<i>Arethusa</i>	Arethusa		1944	110	100
<i>Arethusa</i>	Aurora		1944	100	105
<i>Arethusa</i>	Penelope		1944	95	
Bellona		Cruiser	1943	85	
<i>Bellona</i>	Royalist		1943	90	
<i>Bellona</i>	Black Prince		1944	95	
<i>Bellona</i>	Bellona, Diadem		1945	90	
<i>Bellona</i>	Black Prince		1945	95	
c class (type 1)		Cruiser	1918/1936	50	
c class (type 2)		Cruiser	1917/1943	70	
<i>c class (type 2)</i>	Colombo		1943	75	
<i>c class (type 2)</i>	Caledon		1944	75	
<i>c class (type 2)</i>	Colombo		1945	80	
c class (type 3a)		cruiser	1919/1939	50	
<i>c class (type 3a)</i>	Carlisle, Curacao		1939	55	
<i>c class (type 3a)</i>	Cairo		1941	60	
<i>c class (type 3a)</i>	Carlisle		1941	70	
<i>c class (type 3a)</i>	Curacao		1941	65	
c class (type 3b)		Cruiser	1917	65	
<i>c class (type 3b)</i>	Capetown, Cardiff, Ceres		1917	70	
<i>c class (type 3b)</i>	Capetown		1942	80	
<i>c class (type 3b)</i>	Caradoc		1942	75	
<i>c class (type 3b)</i>	Cardiff, Ceres		1943	80	
Crown Colony (Celyon group)		Cruiser	1943	125	
<i>Crown Colony (Celyon group)</i>	Uganda		1943	130	
<i>Crown Colony (Celyon group)</i>	Ceylon		1944	140	
<i>Crown Colony (Celyon group)</i>	Newfoundland		1944	155	170
<i>Crown Colony (Celyon group)</i>	Uganda		1944	135	
<i>Crown Colony (Celyon group)</i>	Ceylon		1945	140	
<i>Crown Colony (Celyon group)</i>	Uganda (Quebec)		1945	160	
Crown Colony (Fiji group)		Cruiser	1940	135	
<i>Crown Colony (Fiji group)</i>	Fiji		1940	150	145
<i>Crown Colony (Fiji group)</i>	Bermuda,Jamaica, Kenya, Nigeria, Gambia		1942	150	145
<i>Crown Colony (Fiji group)</i>	Gambia,		1942	155	150
<i>Crown Colony (Fiji group)</i>	Bermuda, Jamaica, Nigeria		1943	155	150
<i>Crown Colony (Fiji group)</i>	Gambia,		1943	145	140
<i>Crown Colony (Fiji group)</i>	Kenya		1943	165	155
<i>Crown Colony (Fiji group)</i>	Mauritius		1943	145	140
<i>Crown Colony (Fiji group)</i>	Bermuda, Mauritius, Nigeria		1944	155	150
<i>Crown Colony (Fiji group)</i>	Gambia,		1944	165	155
<i>Crown Colony (Fiji group)</i>	Jamaica,		1944	165	160
<i>Crown Colony (Fiji group)</i>	Kenya		1944	175	165
<i>Crown Colony (Fiji group)</i>	Bermuda		1945	175	170
<i>Crown Colony (Fiji group)</i>	Jamaica,		1945	165	170

VaS Wardroom - NatCB - Feb 2023

Crown Colony (Fiji group)	Kenya		1945	160	170
Crown Colony (Fiji group)	Mauritius		1945	160	155
Crown Colony (Fiji group)	Nigeria		1945	170	160
Danae		Cruiser	1918	70	
Danae	Dunedin		1941	80	
Danae	Dauntless, Despatch, Durban		1942	80	
Danae	Diomedes		1943	80	
Danae	Danae		1943	80	
Danae	Dragon		1943	75	80
Danae	Danae (Conrad)		1944	60	55
Danae	Dragon		1944	85	90
Delhi		Cruiser	1942	60	
Delhi	Delhi		1944	65	
Dido (group 1)		Cruiser	1940	90	
Dido (group 1)	Bonaventure, Phoebe		1940	80	
Dido (group 1)	Bonaventure		1941	90	
Dido (group 1)	Phoebe		1942	100	
Dido (group 1)	Dido		1942	95	90
Dido (group 1)	Phoebe		1943	110	
Dido (group 1)	Dido		1943	105	95
Dido (group 2)		Cruiser	1940	95	
Dido (group 2)	Naiad		1940	85	
Dido (group 2)	Euralyus		1943	100	
Dido (group 2)	Argonaut		1944	120	115
Dido (group 2)	Euralyus		1944	110	105
Dido (group 2)	Sirius		1944	100	
Dido (group 2)	Argonaut		1945	130	125
Dido (group 2)	Cleopatra		1945	120	115
Dido (group 2)	Sirius		1945	110	125
Dido (group 3)		Cruiser	1941	85	
Dido (group 3)	Charybdis		1943	90	85
Dido (group 3)	Scylla		1944	90	
Edinburgh		Cruiser	1939	130	
Edinburgh	Edinburgh		1941	135	
Edinburgh	Edinburgh		1942	150	145
Edinburgh	Belfast		1943	135	
Edinburgh	Belfast		1944	170	160
Edinburgh	Belfast		1945	195	165
Emerald	Emerald	Cruiser	1926	110	
Emerald	Enterprise	Cruiser	1926	110	
Gloucester		Cruiser	1938	135	
Gloucester	Manchester		1940	150	145
Gloucester	Manchester		1941	155	150
Gloucester	Liverpool		1944	160	
Gloucester	Liverpool		1945	155	165
Hawkins (type 1)		Cruiser	1919 (rtn 1940/42)	85	
Hawkins (type 1)	Frobisher		1942	100	

VaS Wardroom - NatCB - Feb 2023

Hawkins (type 1)	Hawkins		1942	100	
Hawkins (type 1)	Frobisher		1944	80	
Hawkins (type 1)	Hawkins		1944	90	
Hawkins (type 2)		Cruiser	1938	90	
Hawkins (type 2)	All		1941	110	105
Kent	Australia	Cruiser	1928	165	
Kent	Australia		1941	175	
Kent	Australia		1942	155	
Kent	Australia		1944	175	
Kent	Australia		1945	155	
Kent	Berwick, Cornwall	Cruiser	1928	130	
Kent	Berwick		1941	145	
Kent	Berwick		1942	135	130
Kent	Berwick		1944	165	160
Kent	Canberra	Cruiser	1928	165	130
Kent	Canberra		1941	190	155
Kent	Canberra		1942	200	165
Kent	Cumberland	Cruiser	1928	125	
Kent	Cumberland		1941	135	
Kent	Cumberland		1943	130	125
Kent	Cumberland		1944	150	145
Kent	Kent	Cruiser	1928	135	
Kent	Kent		1941	160	
Kent	Kent		1943	150	145
Kent	Kent		1944	170	165
Kent	Suffolk	Cruiser	1928	130	
Kent	Suffolk		1941	150	
Kent	Suffolk		1943	145	140
Kent	Suffolk		1944	165	160
Leander		Cruiser	1932	120	
Leander	Ajax, Neptune, Orion		1932	130	
Leander	Leander		1932	125	
Leander	Neptune		1941	140	
Leander	Orion		1941	125	
Leander	Leander		1941	120	
Leander	Achilles		1942	110	
Leander	Ajax		1942	135	
Leander	Leander		1942	140	
Leander	Orion		1942	140	
Leander	Ajax		1943	140	
Leander	Leander		1943	135	
Leander	Orion		1943	145	
Leander	Achilles		1944	140	
Leander	Ajax		1944	150	
Leander	Achilles		1945	155	
Leander	Leander		1945	135	
London		Cruiser	1929	175	

VaS Wardroom - NatCB - Feb 2023

London	Devonshire		1941	200	
London	London		1941	220	
London	Shropshire		1941	185	
London	London		1942	225	
London	Shropshire		1942	205	
London	Sussex		1942	195	205
London	Devonshire		1943	225	215
London	London		1943	215	
London	Shropshire		1943	200	
London	Devonshire		1944	225	
London	London		1944	235	
London	Shropshire		1944	220	
London	Sussex		1944	200	225
London	London		1945	240	
London	Shropshire		1945	235	
London	Sussex		1945	190	
Norfolk		Cruiser	1930	175	
Norfolk	Norfolk		1930	185	
Norfolk	Dorsetshire		1941	180	
Norfolk	Norfolk		1941	205	
Norfolk	Norfolk		1943	200	
Norfolk	Norfolk		1944	220	
Norfolk	Norfolk		1945	240	
Perth		Cruiser	1934	145	
Perth	Perth		1934	140	
Perth	Sydney		1934	130	
Perth	Hobart		1942	155	
Perth	Hobart		1945	175	
Southampton		Cruiser	1937	135	
Southampton	Glasgow		1940	150	
Southampton	Newcastle		1941	150	
Southampton	Birmingham, Sheffield		1942	150	
Southampton	Newcastle		1942	155	
Southampton	Birmingham		1943	150	145
Southampton	Glasgow, Sheffield		1943	155	
Southampton	Newcastle		1943	155	
Southampton	Birmingham		1944	200	
Southampton	Glasgow		1944	175	
Southampton	Newcastle		1944	175	
Southampton	Sheffield		1944	170	
Southampton	Glasgow		1945	195	
Southampton	Sheffield		1945	195	200
Swiftsure		Cruiser	1944	125	
Swiftsure	Swiftsure		1944	130	
Swiftsure	Minotaur (Ontario)		1944	125	
tiger		Cruiser	late 1945	125	
York		Cruiser	1930	115	

VaS Wardroom - NatCB - Feb 2023

York	Exeter		1941	135	
Erebus		Cruiser (Monitor)	1916	110	
Erebus	Terror		1941	115	
Erebus	Erebus		1943	130	
Erebus	Erebus		1944	160	
Erebus	Erebus		1945	170	
Roberts		Cruiser (Monitor)	1941	120	
Roberts	Abercrombie		1943	125	
Roberts	Abercrombie		1945	160	
Roberts	Roberts		1945	135	
A & B class		Destroyer	1930/1931	40	
	Achates, Acheron, Active, Antelope, Anthony, Arrow, Codrington, Beagle,			30	
A & B class	Boadicea, Boreas, Brilliant, Bulldog		1940		
A & B class	Active, Antelope, Anthony, Arrow, Beagle, Bulldog		1941	25	
A & B class	Boadicea, boreas, Brilliant		1941	30	
A & B class	Achates (weapons don't change)		1942	30	35
A & B class	Active, Antelope,		1942	30	
A & B class	Anthoney, Arrow,		1942	40	
A & B class	Anthoney		1943	30	
A & B class	Beagle, Bulldog		1943	30	35
A & B class	Active, Antelope, Anthony		1944	35	40
Admiralty S class		Destroyer	1918	50	
Admiralty S class	Stronghold, Sturdy, Thracian		1918	60	35
Admiralty S class	Sabre, Saladin, Sardonyx, Scimitar, Shikari, Scout		1941	60	55
Admiralty S class	Sabre, Saladin, Sardonyx, Scimitar, Shikari, Scout		1941	70	65
Admiralty V & W class		Destroyer	1917	25	
Admiralty V & W class	Vimiera, Vanoc, Velox, Verstile, Vortigern		1917	20	
Admiralty V & W class	Wakeful, Walpole, Wessex, Whirlwind, Windsor		1917	30	
Admiralty V & W class	Vanoc, Velox, Versatile, Vortigern, Vampire, Vendetta, Westcott		1940	15	
Admiralty V & W class	Windsor		1940	20	
Admiralty V & W class	Vortigern		1941	25	
Admiralty V & W class	Vanoc		1943	25	
Admiralty V & W class	Vendetta		1943	30	
Admiralty V & W class	Vivacious		1943	35	
Admiralty V & W class	Windsor		1943	25	35
Admiralty V & W class	Walpole		1944	35	40
Admiralty V & W class (LR Escort)		Destroyer	1941	40	
Admiralty V & W class (LR Escort)	Viscount		1942	50	
Admiralty V & W class (LR Escort)	Vimy, Wescott		1941	30	
Admiralty V & W class (LR Escort)	Viscount		1943	40	
Admiralty V & W class (LR Escort)	Vimy, Wescott		1943	45	40
Admiralty V & W class (WAIR)		Destroyer	1939	25	
Admiralty V & W class (WAIR)	All except Valentine & Whitley		1941	30	
C Class		Destroyer	1931	40	
C Class	Assiniboine, Ottawa, Restigouche, St. Laurent		1940	30	
C Class	Assiniboine		1941	35	
C Class	Ottawa, Restigouche		1942	35	

VaS Wardroom - NatCB - Feb 2023

C Class	Assiniboine		1943	30	
C Class	Restigouche, St. Laurent		1943	35	
D class (any C&D class starting with D)			1933	45	
D class	Dainty, Delight, Diamond, Decoy, Defender, Diana (Margaree), Duncan		1940	35	
D class	Decoy, Defender, Duncan		1941	30	
D class	Duncan		1942	35	
D class	Decoy (Kootenay),		1943	35	
E & F class		Destroyer	1934/1935	45	
E & F class	All except Excort, Exmouth & Faulknor		1940	35	
E & F class	Electra, Foresight, Fury, Forester, Fortune, Foxhound		1941	40	
E & F class	Faulknor		1941	35	
E & F class	Fame		1941	30	
E & F class	Fearless, Firedrake		1941	35	
E & F class	Faulknor		1942	50	
E & F class	Fame		1942	35	
E & F class	Escapade, Forester, Fortune (Saskatchewan)		1943	35	
E & F class	Express (Canadian Gatineau)		1943	30	
E & F class	Escapade		1944	40	
E & F class	Faulknor		1944	50	
G Class		Destroyer	1936	45	
G Class	Glowworm		1936	50	
G Class	Garland, Grafton, Grenade, Greyhound, Griffon		1940	35	
G Class	Garland (Polish, 1940)		1941	30	
G Class	Griffon		1941	35	
G Class	Garland (Polish, 1940)		1942	35	
G Class	Griffon (Canadian Ottawa)		1943	20	35
G Class	Garland		1943	40	
H Class (any G&H starting with letter H)		Destroyer	1937	50	
H Class	Hasty, Hanvok, Hereward, Hero, Hostile, Hostspur, Hyperion		1940	35	
H Class	Hero, Hotspur		1943	35	
Hunt		Destroyer	1940	30	
Hunt	All		1941	35	
Hunt	All		1942	50	
Hunt	All		1945	55	
I class		Destroyer	1937	50	
I class	All		1940	40	
I class	Imperial		1941	45	
I class	Icarus, Illex, Impulsive, Intrepid,		1942	45	
I class	Inglefield		1942	55	
I class	Isis		1942	35	
I class	Isis		1943	40	
J & K Class		Destroyer	1939	50	
J & K Class	All Except Juno, Kanadahar, Khartoum		1941	50	
J & K Class	Juno Kandahar		1941	55	
J & K Class	Janus, Javelin, Jervis, Kelvin, Kimberly		1943	60	55
N Class			1940	50	
N Class	Nerissa (Polish - Piorun)		1940	50	

VaS Wardroom - NatCB - Feb 2023

N Class	Napier, Nestor, Norman, Nizam (Australian)		1941	50	
N Class	Napier, Nestor, Norman, Nizam, Piorun (was Nerissa)		1942	65	60
N Class	Noble (Dutch, Van Galen), Nonpareil (Dutch, Tjerk Hiddes) Norseman (Austrian, Nepal)		1942	55	
O Class		Destroyer	1941	50	
O Class	O class group 2: Obdurate, Obedient, Opportune, Orwell		1941	60	
O Class	Onslaught, Onslow		1944	60	
O Class	Offa,		1945	55	
O Class	Onslow		1945	65	
O Class	Obdurate, Obedient, Orwell		1945	65	
S class		Destroyer	1943	50	
S class	Savage		1943	70	50
S class	Saumarez		1945	60	65
S class	Scorpion, Scourge, Serapis, Svenner (Shark), Stord (Success), Swift		1945	55	
Scott class [-aircraft X]		Destroyer	1918	50	[40]
Scott class [-aircraft X]	Campbell		1941	50	45[35]
Scott class [-aircraft X]	Mackay, Montrose		1941	50	[40]
Scott class [-aircraft X]	Stuart		1941	45	[35]
Scott class [-aircraft X]	Douglas		1942	60	55[45]
Scott class [-aircraft X]	Mackay		1942	55	50[40]
Scott class [-aircraft X]	Malcolm		1942	45	[35]
Scott class [-aircraft X]	Montrose		1942	45	[35]
Scott class [-aircraft X]	Stuart		1942	35	[25]
Scott class [-aircraft X]	Malcolm (refit should add Hedgehogs)		1943	65	60 (65)[50(55)]
Scott class [-aircraft X]	Stuart		1943	45	55[45]
Scott class [-aircraft X]	Campbell		1944	55	50[40]
Scott class [-aircraft X]	Mackay		1944	60	55[45]
Scott class [-aircraft X]	Montrose		1944	50	
Scott class [-aircraft X]	Stuart	Troop Transport	1944	35	
Shakespeare		Destroyer	1917	50	
Shakespeare	Wallace		1939	40	
Shakespeare	Keppel, Brake		1941	45	
Shakespeare	Wallace		1941	50	
Shakespeare	Keppel		1942	55	
Shakespeare	Brake		1942	55	
Shakespeare	Wallace		1943	55	
Shakespeare	Keppel		1944	55	
Tribal		Destroyer	1938	35	
Tribal	Cossack		1940	45	
Tribal	Eskimo, Mashona, Matabele, Punjabi, Somali,		1940	40	
Tribal	Ashanti, Bedouin, Maori, Eskimo, Mashona, Matabele, Punjabi, Somali,Sikh, Zulu, Tartar		1941	45	
Tribal	Nubian		1942	45	
Tribal	Ashanti, Eskimo, Tartar		1944	50	55
Tribal	Nubian		1944	55	
flower		DD (Corvette)	1940	25	

VaS Wardroom - NatCB - Feb 2023

<i>flower</i>	All		1942	35	30
Loch		DD (Corvette)	1944	50	
<i>Loch</i>	All		1941(1944)	60	55
S class		submarine	1932 /1935	50	
<i>S class</i>	Group 3		1942	60	
<i>S class</i>	All - Group 1 & 2		1943	55	
<i>S class</i>	All - Group 3		1943	65	
T class		submarine	1938	100	
<i>T class</i>	All		1943	110	
U class		submarine	1941	50	
<i>U class</i>	All		1941	55	
<i>Black Swann (wardroom generated)</i>		DD (Corvette)	1939	N/A	40
<i>Black Swann (wardroom generated)</i>	Modified Black Swan		1942	N/A	50
<i>Battle (Wardroom Generated)</i>	the 1st 6	DD	1945 (1944 what if)	N/A	85
<i>Battle (Wardroom Generated)</i>	Option - standard 'early'		1945 (what if 44)	N/A	80
<i>Battle (Wardroom Generated)</i>	Option - 'late'		1945 (what if 45)	N/A	95

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
United States Navy					
Colorado		Battleship	1921	400	
Colorado	Maryland		1941	440	
Colorado	West Virginia		1941	405	
Colorado	Colorado, Maryland		1942	445	
Colorado	Colorado		1943	485	
Colorado	Maryland		1943	495	
Colorado	Maryland		1944	510	
Colorado	West Virginia		1944	515	525
Colorado	Colorado		1944	505	
Colorado	Maryland (LGs, & AA same as West Virginia, Local 3)		1945	555	535
Colorado	West Virginia (5" guns max range 8", AA =6" range)		1945	520	535
Colorado	Colorado		1945	515	
Iowa		Battleship	1943	850	
Iowa	New Jersey		1943	865	
Iowa	Missouri		1944	865	
Iowa	Iowa		1944	860	
Iowa	Wisconsin		1944	870	
Iowa	New Jersey, Missouri		1945	870	
Iowa	Iowa		1945	870	
Montana		Battleship	----	950	
Nevada		Battleship	1916	390	
Nevada	Oklahoma		1941	395	
Nevada	Nevada		1943	515	
Nevada	Nevada		1944	510	
Nevada	Nevada (5" guns max range 8", AA =6" range)		1945	515	
New Mexico		Battleship	1917	395	
New Mexico	Idaho, New Mexico		1941	405	
New Mexico	Idaho, New Mexico		1942	465	
New Mexico	Idaho		1943	480	
New Mexico	Mississippi		1943	395	405
New Mexico	New Mexico		1943	465	
New Mexico	Mississippi		1944	470	540
New Mexico	New Mexico		1944	540	
New Mexico	Idaho		1945	530	
New Mexico	Mississippi		1945	470	
New Mexico	New Mexico		1945	570	
New York		Battleship	1914	350	
New York	All		1941	345	
New York	All		1942	410	
New York	All		1943	425	
New York	All		1944	435	
New York	All		1945	440	
North Carolina		Battleship	1941	800	
North Carolina	North Carolina, Washington		1942	895	

VaS Wardroom - NatCB - Feb 2023

North Carolina	North Carolina		1943	940	
North Carolina	Washington		1943	950	
North Carolina	North Carolina		1944	1035	
North Carolina	Washington		1944	1030	
North Carolina	North Carolina		1945	1030	
North Carolina	Washington		1945	1035	
Pennsylvania		Battleship	1916	390	
Pennsylvania	Arizona, Pennsylvania		1941	395	
Pennsylvania	Pennsylvania		1942	480	
Pennsylvania	Pennsylvania		1943	510	
Pennsylvania	Pennsylvania		1945	510	
South Dakota		Battleship	1942	825	
South Dakota	Massachusetts		1942	830	
South Dakota	South Dakota		1942	805	
South Dakota	Alabama		1943	855	
South Dakota	Indiana		1943	860	
South Dakota	Massachusetts		1943	865	
South Dakota	South Dakota		1943	855	
South Dakota	Alabama		1944	865	
South Dakota	Massachusetts		1944	855	
South Dakota	South Dakota		1944	865	
South Dakota	Alabama		1945	860	
South Dakota	Massachusetts		1945	880	
South Dakota	South Dakota		1945	870	
Tennessee		Battleship	1920	400	
Tennessee	California		1941	440	
Tennessee	Tennessee		1942	490	
Tennessee	Tennessee (remove fast track from LG - irrelevant)		1943	640	
Tennessee	California		1944	590	665
Wyoming		Battleship	1912	250	
Wyoming	Arkansas		1942	295	
Wyoming	Arkansas		1943	325	
Wyoming	Arkansas		1945	330	
Essex		Carrier	1943	270	
Essex	Bennington, Bon Homme Richard, Randolph, Shangri-La		1944	275	280
Essex	Hornet		1945	270	275
Essex	Essex		1945	285	290
Essex	Shangri-La		1945	300	305
Essex	Bon Homme Richard		1945	305	310
Essex	Bunker Hill, Intrepid, Lexington, Wasp, Yorktown		1945	310	
Essex	Antetiam, Lake Champlain, Princeton, Tarawa,Randolph,		1945	310	
Essex	Bennington, Boxer, Hancock, Ticonderoga		1945	315	
Independence		Carrier	1943	105	
Independence	Cabot, Cowpens, Monterey		1944	100	
Independence	Belleau Wood, Independence		1944	110	
Independence	Bataan		1945	110	
Independence	Langley, San Jacinto		1945	100	

VaS Wardroom - NatCB - Feb 2023

Lexington		Carrier	1927	260	
Lexington	Lexington		1942	210	250
Lexington	Saratoga		1942	285	265
Lexington	Saratoga		1943	300	280
Lexington	Saratoga		1944	415	355
Midway		Carrier	Sep-45	450	
Ranger		Carrier	1934	220	
Ranger	Ranger		1941	225	
Ranger	Ranger		1942	265	
Ranger	Ranger		1943	240	
Ranger	Ranger		1944	230	
Wasp		Carrier	1940	240	
Wasp	Wasp		1942	275	
Yorktown		Carrier	1937	280	
Yorktown	Enterprise, Yorktown		1940	300	
Yorktown	Hornet		1941	300	
Yorktown	Enterprise		1942	310	
Yorktown	Hornet, Yorktown		1942	305	
Yorktown	Enterprise		1943	375	
Yorktown	Enterprise		1945	385	
Bogue		carrier / civilian	1942	100	
Bogue	Altamaha, Barnes, Bouge, Bretan, Card, Core, Nassau, croatan, Block Island, Copahee, Prince William		1943	110	120
Bogue	Croatan, Copahee		1943	115	125
Bogue	Prince William		1943	105	
Bogue	Block Island		1944	120	
Bogue	Prince William		1944	115	
Bogue	Altamaha, Barnes, Bouge, Bretan, Card, Core, Nassau, Prince William		1945	130	140
Bogue	Copahee		1945	120	140
Bogue	Croatan		1945	125	
Casablanca		carrier / civilian	1943	95	
Casablanca	NOT Bismark Sea, Gambier Bay, Klinin Bay, Liscome Bay, Mommaney Bay & St. Lo		1945	100	
Long Island		carrier / civilian	1941	75	
Long Island	Long Island		1942	85	
Long Island	Long Island		1944	95	
Long Island	Long Island		1945	105	
Sangamon		carrier / civilian	1942	100	
Sangamon	ALL		1943	105	
Sangamon	ALL		1944	115	
Sangamon	ALL		1945	145	135
Alaska		Cruiser	1944	250	455
Atlanta (group 1)		Cruiser	1941	70	
Atlanta (group 1)	San Diego, San Juan		1943	90	
Atlanta (group 1)	San Diego		1944	105	
Atlanta (group 1)	San Juan		1945	110	
Atlanta (group 2)		Cruiser	1943	100	

VaS Wardroom - NatCB - Feb 2023

Atlanta (group 2)	Tucson		1945	70	
Atlanta (group 2)	Oakland		1945	90	
Baltimore		Cruiser	1943	150	
Baltimore	Pittsburgh		1944	135	
Baltimore	Columbus, Helena, St. Paul		1945	135	
Baltimore	Bremerton, Chicago, Fall River, Los Angeles, Macon		1945	140	
Brooklyn		Cruiser	1937	110	
Brooklyn	All		1941	115	
Brooklyn	All		1942	125	
Brooklyn	Savannah		1942	145	
Brooklyn	All less Savannah		1944	135	
Brooklyn	Savannah		1944	155	
Brooklyn	All less Boise, Pheonix & Savannah		1944	140	165
Brooklyn	Savannah		1944	160	
Cleveland		Cruiser	1942	100	
Cleveland	Denver, Montpelier, Santa Fe		1942	115	
Cleveland	Biloxi, Houston		1943	150	
Cleveland	Birmingham, Mobile		1943	155	
Cleveland	Cleveland, Coumbia		1943	105	
Cleveland	Astoria, Atlanta, Duluth, Miami, Oklahama City, Viksburg, Wiles-Barre		1944	155	
Cleveland	Pasadena, Springfield, Vincennes, Topeka		1944	150	
Cleveland	Amsterdam, Portsmouth		1945	150	
Cleveland	Dayton, Little Rock, Providence, Topeka		1945	155	
Des Moines		Cruiser	1948	180	
Des Moines	Des Moines		1948	190	200
Des Moines	Orignal Plans		1948	160	
Fargo		Cruiser	1945	105	
New Orleans		Cruiser	1934	150	
New Orleans	Astoria, Minneapolis, New Orleans		1941	155	
New Orleans	Astoria, Quincy, Vincennes, Minneapolis, New Orleans, San Francisco, Tuscaloosa		1942	195	
New Orleans	Minneapolis, New Orleans, San Francisco, Tuscaloosa		1943	215	
New Orleans	Minneapolis, New Orleans, San Francisco, Tuscaloosa		1944	220	
New Orleans	Minneapolis, New Orleans, San Francisco, Tuscaloosa		1945	210	
Northampton		Cruiser	1930	130	
Northampton	Chicago, Chester, Northampton		1940	140	
Northampton	Augusta, Chester, Chicago,		1941	145	
Northampton	Louisville		1941	135	145
Northampton	Houston		1941	135	
Northampton	Northampton		1941	145	
Northampton	Chicago		1942	150	
Northampton	Northampton		1942	145	
Northampton	Augusta		1943	165	
Northampton	Louisville		1943	155	165
Northampton	Augusta		1944	160	
Northampton	Chester (AA Battery gains max range 5")		1944	145	155

VaS Wardroom - NatCB - Feb 2023

Northampton	Louisville		1945	155	
Northampton	Chester		1945	150	160
Omaha		Cruiser	1923	90	
Omaha	Concord, Marblehead, Memphis, Milwaukee, Omaha, Richmond, Trenton		1923	95	
Omaha	Concord		1941	100	
Omaha	Cincinnati, Raleigh		1941	95	
Omaha	Detroit		1941	100	
Omaha	Marblehead,		1941	100	
Omaha	Memphis, Milwaukee, Omaha, Trenton, Richmond		1941	105	
Omaha	Concord, Marblehead, Milwaukee, Omaha, Trenton, Richmond		1942	110	
Omaha	Cincinnati, Raleigh, Detroit		1942	110	
Omaha	Memphis		1942	115	
Omaha	Cincinnati		1943	125	
Omaha	Memphis		1943	130	
Omaha	Raleigh		1944	125	
Omaha	Cincinnati		1944	115	
Omaha	Detroit		1944	130	
Omaha	Concord, Marblehead, Omaha, Trenton		1944	125	
Omaha	Richmond		1944	110	120
Omaha	Detroit		1945	110	
Oregon City		Cruiser	1946	170	
Pensacola		Cruiser	1929	125	
Pensacola	Pensacola		1940	135	
Pensacola	Pensacola		1941	155	
Pensacola	Salt Lake		1941	145	
Pensacola	Pensacola		1942	160	
Pensacola	Salt Lake		1942	150	
Pensacola	Pensacola		1943	185	180
Pensacola	Salt Lake		1943	170	
Pensacola	Pensacola		1944	185	180
Pensacola	Salt Lake		1944	170	
Pensacola	Pensacola		1945	190	185
Portland		Cruiser	1933	140	
Portland	Indianapolis, Portland		1942	155	
Portland	Indianapolis		1943	170	
Portland	Portland		1943	165	
Portland	Portland		1944	175	
Portland	Indianapolis		1945	180	
St Louis		Cruiser	1939	110	
St Louis	Helena, St Louis		1941	115	
St Louis	Helena, St Louis		1942	135	
St Louis	Helena, St Louis		1943	155	
St Louis	St Louis		1944	175	
Wichita		Cruiser	1939	145	
Wichita	Wichita		1941	155	
Wichita	Wichita		1942	180	

VaS Wardroom - NatCB - Feb 2023

Wichita	Wichita		1944	185
Wichita	Wichita		1945	190
Bagley		Destroyer	1937	60
Bagley	Bagley, Blue, Ralph Talbot, Helm, Mugford, Patterson, Henlye, Jarvis		1942	65
Bagley	Blue, Ralph Talbot, Helm, Mugford, Patterson		1942	70
Bagley	Bagley, Henley		1943	70
Bagley	Bagley, Helm, Mugford, Patterson		1944	75
Beham		Destroyer	1939	60
Beham	Benham, Ellet		1942	65
Beham	Lange, Mayrant, Rhind, Stack, Tippe, Wilson, Rowan, Sterett		1942	60
Beham	Mayrant		1942	65
Beham	Lange		1943	70
Beham	Mayrant, Rhind, Stack, Tippe, Wilson, Rowan, Sterett		1943	70
Beham	Ellet		1944	70
Beham	Rhind, Stack, Tippee, Wilson, Sterett		1944	75
Beham	Lange		1945	70
Beham	Sterett		1945	75 70
Benson		Destroyer	1940	60
Benson	All less Mayo (inc Mayo, else Mayo '44 Refit doesn't work)		1941	55
Benson	All less Mayo		1942	60
Benson	Mayo		1942	70 (65)
Benson	All less Mayo		1942	65
Benson	Mayo		1944	80 (75)
Benson	All less Mayo, Lonsdale (Light Guns AD to 2)		1944	75
Benson	Lonsdale (light guns AD to 2)		1944	75 70
Clemson		Destroyer	1919	60
Clemson	Alden, Barker, Borie, Bulmer, Chandler, Dahlgren, Edsall, Fox, John D Edwards, John D Ford, Parrott, Paul Jones, Peary, Pillsbury, Pope, Stewart, Whipple		1919	65
Clemson	Childs, Clemson, George E. Badger, Goldsborough, Hulbert, William B. Preston, Williamson	Seaplane tender	1939	30
Clemson	Preble, Pruitt, Sicard, Tracy	Minelayer	1939	35
Clemson	Ballard, Belknap, Gillis, Greene, Osmond Ingram, McFarland, Thornton	Seaplane tender	1940	30
Clemson	Chandler, Hopkins, Hovey, Long, Perry, Southard, Trever, Wasmuth, Zane	Minesweeper	1940	30
Clemson	MacLeish, Simpson	DDE	1940	45
Clemson	Bainbridge, Broome, Dallas, Decatur, McCormick, Overton, Reuben James, Sturtevant, Truxtun	DDE	1941	45
Clemson	Bainbridge, Broome, , Dallas, Decatur, MacLeish, McCormick, Overton, Simpson,	DDE	1942	50
Clemson	Chandler, Zane	Minesweeper	1942	35
Clemson	Brooks, Gilmer, Humphreys, Sands	Assault Transport	1942	40
Clemson	Preble, Pruitt, Sicard, , Tracy	Minelayer	1942	35
Clemson	Thornton	Seaplane tender	1942	30
Clemson	Ballard, Childs, Gillis, William B. Preston, Williamson	Seaplane tender	1942	35
Clemson	Dahlgren, Fox,	Destroyer	1942	65 60

VaS Wardroom - NatCB - Feb 2023

Clemson	Goff, Hatfield, Kane, King, Lawrence, Litchfield	Destroyer	1942	60	
Clemson	Bainbridge, Decatur, MacLeish, McCormick, Simpson,	DDE	1943	55	
Clemson	Belknap, Clemson, George E. Badger, Goldsborough, Greene, Hulbert,	Seaplane tender	1943	35	
Clemson	Osmond Ingram, McFarland				
Clemson	Alden, Barker, Barry, Borie, Bulmer, John D. Edwards, John D. Ford, Parrott,	Destroyer	1943	65	
Clemson	Paul Jones, Whipple				
Clemson	Hovey, Perry, Southard, Trever	Minesweeper	1943	35	
Clemson	Overton, Kane	Assault Transport	1943	35	
Clemson	Noa	Assault Transport	1943	35	30
Clemson	Barry	Assault Transport	1943	35	
Clemson	Hopkins, Long	Minesweeper	1944	35	
Clemson	Belknap, Clemson, George E. Badger, Goldsborough, Greene, Osmond	Assault Transport	1944	40	35
Clemson	Ingram				
Farragut (light guns should be AD3)		Destroyer	1934	60	(65)
Farragut (light guns should be AD3)	All		1941	65	(70)
Farragut (light guns should be AD3)	All		1942	70	(75)
Farragut (light guns should be AD3)	Aylwin, Dewey		1942	75	(80)
Farragut (light guns should be AD3)	Aylwin, Dewey		1943	80	(85)
Farragut (light guns should be AD3)	All others		1943	75	(80)
Farragut (light guns should be AD3)	Dale, Macdonough, Monaghan, Hull, Worden		1943	80	(85)
Farragut (light guns should be AD3)	Dale, Macdonough, Monaghan, Dewey, Farragut		1944	85	(90)
Fletcher		Destroyer	1942	60	80
Fletcher	Fletcher, Nicholas, O'Bannon		1942	55	75
Fletcher	Fletcher, Nicholas, O'Bannon		1943	60	80
Fletcher	Jenkins, Stevens, Halfrod		1942/43	45	65
Fletcher	Jenkins, Stevens, Halfrod		1943	50	70
Fletcher	All not listed		1943	65	85
Fletcher	Fletcher, Nicholas, O'Bannon		1944	65	85
Fletcher	Jenkins, Stevens, Halfrod		1944	50	70
Fletcher	All not listed		1944	70	90
Fletcher	Radar Pickets		1945	60	80
Gleaves		Destroyer	1940	60	
Gleaves	Gleaves, Kearny, Niblock, Plunkett		1940	70	
Gleaves	Gleaves, Kearny, Niblock, Plunkett		1941	70	
Gleaves	All others		1942	65	
Gleaves	Gleaves, Kearny, Niblock, Plunkett		1942	75	
Gleaves	Eberle, Edison, Ericsson, Livermore, Ludlow, Nicholson,		1943	70	
Gleaves	Grayson, Gwin,		1943	75	
Gleaves	Swanson, Woolsey, Wilkes		1943	75	80
Gleaves	Gleaves, Kearny, Niblock, Plunkett		1943	85	
Gleaves	Eberle, Edison, Ericsson, Livermore, Ludlow, Nicholson,		1944	75	
Gleaves	Eberle, Edison, Ericsson, Livermore, Grayson, Swanson, Woolsey		1945	65	
Gleaves	Gleaves, Kearny, Niblock, Plunkett		1945	75	
Gridley		Destroyer	1937	60	
Gridley	All		1943	75	
Gridley	All		1944	80	
Gridley	All		1945	60	

VaS Wardroom - NatCB - Feb 2023

John C. Butler		Destroyer	1944	60	
John C. Butler	All		1945	55	
Mahan		Destroyer	1936	60	
Mahan	all less Cassin, Downes		1942	70	
Mahan	Case, Drayton, Fanning, Flusser, Mahan, Reid, Smith, Lamson, Shaw		1943	80	
Mahan	Conyngham, Cummings, Dunlap, Perkins		1943	70	
Mahan	Cassin, Downes		1944	65	75
Mahan	Conyngham, Cummings,		1944	75	
Mahan	Dunlap		1944	70	
Mahan	Lamson		1945	75	70
Mahan	Shaw		1945	75	75
Porter		Destroyer	1936	55	
Porter	All		1941	60	
Porter	All		1942	70	
Porter	All less Porter		1943	75	
Porter	All less Porter, Selfridge		1944	80	
Porter	McDougal		1945	85	
Porter	Phelps, Winslow, Selfridge		1945	70	
Sims (light guns should be AD3)		Destroyer	1939	60	65
Sims (light guns should be AD3)	Anderson, Hammann, Hughes, Mustin, Sims		1939	70	75
Sims (light guns should be AD3)	Anderson, Hammann, Hughes, Mustin, Sims		1940	75	80
Sims	Anderson, Hammann, Hughes, Mustin, Sims		1941	75	80
Sims	Buck, Roe, Morris, Russell, O'Brien, Walke, Wainwright		1941	60	65
Sims	Anderson		1942	80	85
Sims	Hammann, Hughes, Mustin, Sims		1942	85	90
Sims	Buck, Roe, Morris, Russell, O'Brien, Walke, Wainwright		1942	70	75
Sims	Anderson		1943	95	90/95
Sims	Hughes, Mustin		1943	90	90/95
Sims	Buck, Roe, Morris, Russell, Wainwright		1943	75	85
Sims	Wainwright		1944	75	80
Sims	Mustin		1945	85	75
Sims	Morris, Russell		1945	70	75
Sims	Wainwright		1945	80	85
Gato		Submarine	1941	50	
Gato	All		1942	65	
Gato	All		1943	80	
Gato	All		1944	90	
Allen M Sumner (wardroom Generated)		Destroyer	1944	N/A	115

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Marine National (French)					
Bretagne		Battleship	1916	350	
Bretagne	Lorraine		1939	330	365
Bretagne	Lorraine		1940	325	345
Bretagne	Lorraine		1944	330	350
Courbet		Battleship	1913	250	
Dunkerque (5 x 5.1" Lights guns AD2)		Battleship	1938	360	
Dunkerque	Strasbourg		1938	370	
Richelieu (Q+R work in Rear)		Battleship	1940	450	
Richelieu	Jean Bart		1940	175	350
Richelieu	Jean Bart		1942	190	365
Richelieu	Richelieu		1943	585	
Richelieu	Richelieu		1945	585	
Bearn		Carrier	1927	160	
Bearn	Bearn		1943	160	
Algerie		Cruiser	1934	135	
Duguay Trouin		Cruiser	1926	145	
Duguay Trouin	Duguay Trouin		1926	165	
Duguay Trouin	Duguay Trouin		1943	140	
Duguay Trouin	Duguay Trouin		1944	140	
Duquesne		Cruiser	1928	135	
Duquesne	Duquesne, Tourville		1945	115	150
Emile Bertin		Cruiser	1935	100	
Emile Bertin	Emile Bertin		1943	110	
Jeanne d'Arc		Cruiser	1931	75	
Jeanne d'Arc	Jeanne d'Arc		1943	65	
La Galissonniere		Cruiser	1936	90	
La Galissonniere	Gloire, Georges, Leygues, Montcalm		1943	115	
La Galissonniere	Georges, Leygues, Montcalm		1945	130	
Suffren		Cruiser	1935	125	
Suffren	Dupleix		1935	155	135
Suffren	Colbert, Foch		1935	135	130
Suffren	Dupleix		1942	160	140
Suffren	Suffren		1945	105	150
Bourrasque		Destroyer	1926	40	
Bourrasque	Mistral, Ouragan		1941	40	
Bourrasque	Typhon		1942	25	
Bourrasque	Tramontane		1942	30	
Bourrasque	Temete, Trombe, Simoun		1943	45	
Bourrasque	Simoun		1944	35	
Chacal		Destroyer	1926	40	
Chacal	Leopard		1940	55	
Chacal	Leopard		1942	60	
Chacal	Tigre		1944	40	
Le Fantasque		Destroyer	1935	60	

VaS Wardroom - NatCB - Feb 2023

Le Fantasque	Le Triomphant		1940	75	
Le Fantasque	Le Fantasque, Le Malin		1943	75	80
Le Fantasque	Le Terrible		1943	70	75
Le Fantasque	Le Triomphant		1944	75	
Mogador		Destroyer	1939	65	
Mogador	Mogador		1941	60	
Minerve		Submarine	1932	60	
Surcouf		Submarine	1934	90	

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
KriegsMarinen (German)					
Bismark		Battleship	1940	450	600
Bismark	Bismark		1941	455	605
Bismark	Tirpitz		1941	515	665
Bismark	Tirpitz		1943	520	670
Bismark	Tirpitz		1944	525	675
H 39		Battleship	---- (44)	700	
O class		Battleship	---- (44)	360	
Scharnhorst		Battleship	1938	425	
Scharnhorst	Gneisenau		1941	430	
Scharnhorst	Gneisenau, Scharnhorst		1942	490	420
Scharnhorst	Scharnhorst		1943	495	425
Scharnhorst	Scharnhorst		1944	695	525
Schleswig Holstien		Battleship	1908	130	
Schleswig Holstien	Schleswig Holstien		1944	130	140
Graf Zeppelin		Carrier	----(43)	210	
Jade		Carrier	---- (43)	110	
Admiral Hipper		Cruiser	1939	200	
Admiral Hipper	Prinz Eugen		1939	205	
Admiral Hipper	Prinz Eugen		1942	210	
Admiral Hipper	Admiral Hipper		1942	205	
Admiral Hipper	Prinz Eugen		1944	215	
Admiral Hipper	Admiral Hipper		1944	210	
Admiral Hipper	Prinz Eugen		1945	250	
Admiral Hipper	Admiral Hipper		1945	225	
Deutschland		Cruiser	1933	280	
Deutschland	Admiral Scheer, Lutzow		1933	275	
Deutschland	Admiral Graf Spee		1939	300	290
Deutschland	Admiral Scheer		1940	295	285
Deutschland	Lutzow		1941	295	285
Deutschland	Admiral Scheer		1942	300	290
Deutschland	Lutzow		1944	315	305
Deutschland	Admiral Scheer		1945	315	305
Deutschland	Lutzow		1945	315	305
Emden		Cruiser	1925	75	
Emden	Emden		1940	80	
Emden	Emden		1942	100	
Emden	Emden		1944	110	115
Konigsberg		Cruiser	1929	110	
Konigsberg	Karlsruhe		1929	115	
Konigsberg	Koln		1929	100	
Konigsberg	Koln		1941	80	90
Konigsberg	Koln		1942	90	100
Konigsberg	Koln		1944	95	105
Konigsberg	Koln		1945	100	120

VaS Wardroom - NatCB - Feb 2023

Leipzig		Cruiser	1931	110	
Leipzig	Nurnberg		1931	115	
Leipzig	Nurnberg		1939	120	
Leipzig	Nurnberg		1941	120	
Leipzig	Leipzig		1941	70	80
Leipzig	Nurnberg		1942	120	115
Leipzig	Leipzig		1943	80	90
Leipzig	Nurnberg		1944	130	125
Leipzig	Leipzig		1944	65	85
Leipzig	Nurnberg		1945	140	135
M class		Cruiser	----(43)	160	
P class		Cruiser	----(42)	250	
Spahkreuzer		Cruiser	----(43)	90	
Type 1934/1934A		Destroyer	1937	55	
Type 1934/1934A	Z4-8, Z10, Z14-16		1941	60	
Type 1934/1934A	Z14		1944	65	
Type 1934/1934A	Z5		1944	70	
Type 1934/1934A	Z10, Z15		1944	75	
Type 1936		Destroyer	1938	55	
Type 1936	Z20		1941	60	
Type 1936	Z20		1944	65	
Type 1936	Z20		1945	70	
type 1936A		Destroyer	1940	60	
type 1936A	Z28		1940	60	
type 1936A	Z23		1942	65	70
type 1936A	Z25		1942	65	70
type 1936A	Z24		1943	65	70
type 1936A	Z25		1945	75	80
type 1936A	Z28		1945	75	
type 1936A	Z29		1945	85	
Type 1936A (mob)		Destroyer	1942	65	
Type 1936A (mob)	Z31		1942	60	
Type 1936A (mob)	Z31		1944	65	
Type 1936A (mob)	Z31		1945	75	
Type 1936A (mob)	Z33		1945	80	
Type 1936A (mob)	Z34		1945	70	
Type 1936A (mob)	Z38		1945	70	
Type 1936A (mob)	Z39		1945	75	
Type 1939		Destroyer	1942	45	
Type 1939	T31, T32		1944	50	
Type 1939	T33-36		1944	55	
ZH1		Destroyer	1942	50	
VII		Submarine	1936	45	
VII	T-1 Torpedo		1936	50	
VII	T-1 Torpedo		1943	40	
VII	T-1 Torpedo		1943	45	
VII	T-1 Torpedo		1944	50	

VaS Wardroom - NatCB - Feb 2023

VII	T-2 Torpedo (Option)		1936	55
VII	T-2 Torpedo (Option)		1936	60
VII	T-2 Torpedo (Option)		1943	50
VII	T-2 Torpedo (Option)		1943	55
VII	T-2 Torpedo (Option)		1944	60
VII	T-3 Torpedo (Option)		1943	55
VII	T-3 Torpedo (Option)		1943	60
VII	T-3 Torpedo (Option)		1944	65
VII	T-4 Torpedo (Option)		1944	65
VII	T-4 Torpedo (Option)		1944	75
IX		Submarine	1938	50
IX	T-1 Torpedo		1938	55
IX	T-1 Torpedo		1943	45
IX	T-1 Torpedo		1943	50
IX	T-1 Torpedo		1944	55
IX	T-2 Torpedo (Option)		1936	60
IX	T-2 Torpedo (Option)		1936	65
IX	T-2 Torpedo (Option)		1943	55
IX	T-2 Torpedo (Option)		1943	60
IX	T-2 Torpedo (Option)		1944	65
IX	T-3 Torpedo (Option)		1943	60
IX	T-3 Torpedo (Option)		1943	65
IX	T-3 Torpedo (Option)		1944	70
IX	T-4 Torpedo (Option)		1944	70
IX	T-4 Torpedo (Option)		1944	80
XXI		Submarine	1944	70
XXI	T-4 Torpedo (Option)		1944	95

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Imperial Japanese Navy					
Fuso		Battleship	1915	370	
Fuso	Fuso		1940	375	
Fuso	Fuso		1940	435	
Fuso	Yamashiro		1940	430	
Ise		Battleship	1917	370	
Ise	Hyuga		1942	355	
Kongo		Battleship	1913	375	
Kongo	Haruana		1943	430	410
Kongo	Kongo		1943	365	370
Kongo	Haruana		1944	445	425
Kongo	Kongo		1944	430	
Kongo	Haruana		1945	450	430
Nagato		Battleship	1920	725	
Nagato	Nagato		1944	790	
Nagato	Nagato		1945	820	
Nagato	Nagato		1945	740	
Yamato		Battleship	1941	1000	
Yamato	Musashi		1942	1005	
Yamato	Yamato		1943	1005	
Yamato	Musashi		1944	1090	
Yamato	Yamato		1944	1160	
Yamato	Yamato		1945	1165	
Ise		BB/Carrier	1943	350	
Ise	Hyuga		1944	360	
Ise	Ise		1944	380	
Akagi		Carrier	1927	250	
Chitose		Carrier	1943	110	
Chitose	Chitose		1944	115	
Hiryu		Carrier	1939	230	
Hiyo		Carrier	1942	200	
Hiyo	Hiyo		1944	210	
Hiyo	Jun'yo'		1944	215	
Hosho		Carrier	1922	90	
Hosho	Hosho		1941	85	
Hosho	Hosho		1942	65	
Kaga		Carrier	1928	375	
Kaga	Kaga		1941	380	
Ryuho		Carrier	1942	110	
Ryuho	Ryuho		1943	115	
Ryuho	Ryuho		1944	120	
Ryujo		Carrier	1933	140	
Ryujo	Ryujo		1940	145	
Ryujo	Ryujo		1942	150	
Shinano		Carrier	1928	220	

VaS Wardroom - NatCB - Feb 2023

Shokaku		Carrier	1941	275	
Shokaku	Shokaku /Zuikaku		1942	280	
Shokaku	Shokaku /Zuikaku		1943	285	
Shokaku	Zuikaku		1944	290	
Soryu		Carrier	1937	230	
Taiho		Carrier	1944	280	
Zuiho		Carrier	1940	110	
Zuiho	Zuiho		1943	120	
Zuiho	Zuiho		1944	125	
Agano		Cruiser	1942	110	
Agano	Sakawa		1944	150	
Agano	Sakawa		1945	155	
Aoba		Cruiser	1926	225	
Aoba	Aoba		1943	200	
Aoba	Aoba		1944	235	
Furutaka		Cruiser	1926	225	
Kitakami (5 sets of 4AD type 93 per side)		Cruiser	1941	200	(160)
Kitakami	Oi		1942	170	(65)
Kitakami	Kitakami		1942	165	(125)
Kitakami	Kitakami		1945	120	(60)
Kuma		Cruiser	1920	60	
Kuma	Kuma,Toma		1920	65	
Kuma	Kiso, Kitakami, Oi		1940	100	
Kuma	Kuma,Toma		1940	105	
Kuma	Kiso, Toma		1944	210	
Kuma	Kuma		1944	115	
Mogami		Cruiser	1937 (1940 refit)	280	
Mogami	ALL		<1940	180	
Mogami	Mogami		1943	240	
Mogami	Mogami		1944	265	
Mogami	Kumano,Suzuya		1944	310	
Myoko		Cruiser	1929/1940	275	
Myoko	ALL		1944	275	
Nagara		Cruiser	1922	70	
Nagara	Abukuma		1941	100	85
Nagara	Isuzu		1943	70	
Nagara	Abukuma		1944	115	95
Nagara	Kinu		1944	65	75
Nagara	Nagara		1944	105	95
Nagara	Natori		1944	65	75
Nagara	Isuzu		1944	115	95
Nagara	Abukuma		1945	120	100
Oyodo		Cruiser	1943	80	
Oyodo	Oyodo		1944	90	
Sendai		Cruiser	1924	80	
Sendai	Jintsu, Naka		1941	140	100
Sendai	Naka		1943	145	105

VaS Wardroom - NatCB - Feb 2023

Takao		Cruiser	1932	270	255
Takao	Chokai, Maya		1939	220	190
Takao	Maya		1940	215	185
Takao	Maya		1941	255	195
Takao	Chokai		1941	260	200
Takao	Atago, Takao		1942	290	270
Takao	Maya		1944	305	215
Takao	Chokai		1944	285	235
Takao	Atago, Takao		1944	315	300
Tenryu		Cruiser	1919	50	
Tone (LG is -2 AP)		Cruiser	1939	250	
Tone (LG is -2 AP)	Chikuma, Tone		1944	275	
Tone (LG is -2 AP)	Tone		1945	280	
Yubari		Cruiser	1923	55	
Yubari	Yubari		1944	55	
Akatsuki			1932	60	
Akatsuki	Hibiki, Ikazuchi, Inazuma		1943	70	
Akatsuki	Hibiki		1944	80	
Akatsuki	Inazuma		1944	75	
Akizuki		Destroyer	1942	60	
Akizuki	Hatsuzuki		1943	65	
Akizuki	Akizuki, Shimotsuki, Wakatsuki, Fuyutsuki, Hanazuki, Harutsuki, Suzutuki		1944	65	
Akizuki	Fuyutsuki, Hanazuki, Harutsuki, Suzutuki		1945	80	75
Akizuki	Natsuzuki, Yoizuki		1945	70	75
Asashio		Destroyer	1937	60	
Asashio	Arashio		1943	65	
Asashio	Michishio		1943	60	
Asashio	Michishio, Asagumo, Kasumi, Yamagumo		1944	65	60
Fubuki Group 1		Destroyer	1928	50	
Fubuki Group 1	Hatsuyuki, Isonmai, Shkirakumo, Usugumo, Uranami		1943	55	60
Fubuki Group 1	Shirakumo, Usugumo, Uranami		1944	65	
Fubuki Group 2	group 2	Destroyer	1939	55	
Fubuki Group 2	Akebono, Ushio, Amigairi, Shikinami, Sazanami		1943	60	65
Fubuki Group 2	Yugiri		1943	70	
Fubuki Group 2	Akebono, Ushio, Amigairi		1944	70	
Hatsuharu		Destroyer	1933	60	
Hatsuharu	Hatsubaru, Hatsushimo, Wakaba		1944	65	60
Kagero		Destroyer	1939	100	
Kagero	Amatsukaze, Hamakaze, Isokaze, Yukikaze, Maikaze, Nowaki, Tanikaze, Urakaze		1943	110	105
Kagero	Akigumo, Shiranui		1944	120	110
Kagero	Hamakaze, Isokaze, Yukikaze, Maikaze, Nowaki, Tanikaze, Urakaze		1944	110	105
Kagero	Hamakaze, Isokaze, Yukikaze		1945	115	110
Kagero	Amatsukaze		1945	110	90
Kamikaze		Destroyer	1922	60	
Kamikaze	Hayate, Asanagi, Yunagi		1922	70	65

VaS Wardroom - NatCB - Feb 2023

Kamikaze	Asakaze, Kamikaze, Harukaze, Oite, Matsukaze, Hatakaze		1941	60	50
Kamikaze	Asanagi, Yunagi		1941	70	50
Kamikaze	Asakaze, Kamikaze, Harukaze, Oite, Matsukaze, Hatakaze		1944	65	55
Kamikaze	Asanagi, Yunagi		1944	75	55
Matsu		Destroyer	1944	55	
Momi		Destroyer	1919	60	
Momi	Kiku, Aoi, Fuji,Hagi, Hishi, Susuki, Tade, Tsuta, Yamogi (P31-38)		1940	60	50
Momi	Ashi, Kaki, Nire, Sumire, Taki		1940	50	35
Momi	Hasu, Kuri, Tsuga		1942	65	
Momi	Kiku		1944	65	55
Mutsuki		Destroyer	1925	60	
Mutsuki	Satsuki		1942	60	
Mutsuki	Mochizuki		1943	60	
Mutsuki	Fumizuki, Mikazuki		1943	60	
Mutsuki	Fumizuki		1944	70	65
Mutsuki	Satsuki		1944	70	75
Mutsuki	Minazuki, Uzuki, Yuzuki		1944	70	65
Shimakaze		Destroyer	1943	100	
Shimakaze	Shimakaze		1944	105	
Shiratsuyu		Destroyer	1936	95	
Shiratsuyu	Yudochi		1936	100	
Shiratsuyu	Hausame		1943	95	
Shiratsuyu	Shiratsuyu, Shigure, Samidare, Umikaze, Suzkaze		1944	95	
Yugumo		Destroyer	1941	60	105
Yugumo	Kazegumo, Makigumo, Makinami, Naganami, Onami, Suzunami, Takanami, Yugumo		1941	55	100
Yugumo	Kazegumo, Makigumo, Makinami, Naganami, Onami, Suzunami, Takanami, Yugumo		1943	60	105
Yugumo	Akishimo, Hayashimo		1944	65	110
Yugumo	Asashimo		1945	65	110
Kaidai		Submarine	1942	50	
Type-C		Submarine	1940	100	

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Regia Marina (Italian)					
Andrea Doria		Battleship	1913	370	
Andrea Doria	Andrea Doria		1940	365	
Andrea Doria	Andrea Doria		1942	370	
Andrea Doria	Caia Duilio		1942	375	
Conte di Cavour		Battleship	1915	370	390
Conte di Cavour	Conte di Cavour		1915	375	395
Conte di Cavour	Ciullo Cesare		1941	370	385
Littorio		Battleship	1937	550	
Littorio	Littorio, Veneto Vittorio, Roma		1942	610	
Littorio	Littorio, Veneto Vittorio		1943	605	
Aquila		Carrier	---- ('43)	210	
Aquila	Flights increase to 16			230	
Alberto Da Giussano		Cruiser	1931	80	
Capitani Romani		Cruiser	1942	65	
Capitani Romani	Attilio Regolo, Scipione Africano		1943	70	
Duca D'Aosta		Cruiser	1935	90	
Duca D'Aosta	ALL		1943	100	
Duca D'Aosta	ALL		1944	70	80
Duca Degli Abruzzi		Cruiser	1937	110	
Duca Degli Abruzzi	Giuseppe Garibaldi		1937	105	
Duca Degli Abruzzi	Luigi di Savoia, Duca Degli Albruzzi		1943	120	
Duca Degli Abruzzi	Luigi di Savoia, Duca Degli Albruzzi		1944	100	110
Duca Degli Abruzzi	Giuseppe Garibaldi		1944	105	
Duca Degli Abruzzi	Giuseppe Garibaldi		1945	95	
Duca Degli Abruzzi	Luigi di Savoia, Duca Degli Albruzzi		1945	90	100
Etna		Cruiser	---- (44) (43)	60	
Luigi Cadorna		Cruiser	1933	75	
Luigi Cadorna	Luigi Cadorna		1933	70	
Luigi Cadorna	Luigi Cadorna		1943	60	
Luigi Cadorna	Luigi Cadorna		1944	40	50
Montecuccoli		Cruiser	1935	85	
Montecuccoli	Raimondo Montecuccoli		1943	100	
Montecuccoli	Raimondo Montecuccoli		1944	70	80
Trento		Cruiser	1928	130	
Trento	Bolzano		1928	135	
Zara (arm 4+) [LG DP,Rest, weak]		Cruiser	1928	150	(155)[150]<155>
<LG=DP,Rest, weak, Arm 4+>					
Zara	Fiume, Pola		1928	145	(150)
Zara	Fiume, Pola		1940	150	(155)
Zara	Zara, Gorizia		1940	155	(160)

VaS Wardroom - NatCB - Feb 2023

Zara	Gorizia		1942	155	(160)
Folgore		Destroyers	1932	30	
Folgore	Folgore, Lampo		1942	25	
Freccia		Destroyers	1931	30	
Freccia	Dardo, Freccia, Saetta		1943	25	
Maestrale (speed 7")		Destroyers	1934	30	(35)
Maestrale	Maestrale,		1941	30	35 (40)
Maestrale	Grecale, Scirocco		1942	30	35 (40)
Maestrale	Maestrale		1942	30	(35)
Maestrale	Maestrale, Grecale		1943	25	(30)
Navigatori		Destroyers	1929	35	
Navigatori	All except Usodimare, da Recco		1940	35	
Navigatori	Da Mosto, da Verrazzano, Pessagno Tarigo, Pigafetta		1940	40	
Navigatori	Da Recco		1942	30	
Navigatori	da Noli, Zeno		1942	40	
Navigatori	Malocello, Pancaldo		1942	35	40
Navigatori	Vivaldi		1942	30	
Navigatori	Pigafetta		1942	35	
Oriani		Destroyers	1937	35	
Oriani	Alfredo Oriani, Vincenzo Gioberti		1942	30	40
Soldati		Destroyers	1938/1942	35	
Soldati	Ascari, Geniere, Lanciere, Camicia Nera		1942	35	30
Soldati	Carabiniere, Granatiere		1943	30	35
Soldati	Fuciliere, Velite		1943	35	
Soldati	Legionario		1943	35	40
Marcello		Submarine	1938	30	

VaS Wardroom - NatCB - Feb 2023

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Dutch Royal Navy					
De Ruyter		Cruiser	1936	80	
Java		Cruiser	1925	80	
Amiralden		Destroyer	1928/30	50	
Amiralden	All		1942	45	
Tromp (wardroom Generated)		Destroyer	1929(?)		60

Name class	Refit Ship Name	TYPE class	Commission /Refit Year	WLPS ppm	WLPA
Civilian Shipping					
Ammunition Ship		Civilian	N/A	25	
Ammunition Ship	Generic	Civilian	1942	35	
Ammunition Ship	Generic	Civilian	1944	40	
Armed Merchant		Civilian	N/A	25	
AMC - German Raider	German Raider (torps are one shot)	Civilian - German	N/A	50	
Seaplane Tender		Civilian	N/A	25	50
Tramp Freighter		Civilian	N/A	10	
Oil tanker		Civilian	N/A	30	
Oil tanker	Shiretoko Class	Civilian - Japanese	N/A	30	
Oil tanker	Dale Class	Civilian - RN	N/A	40	
Oil tanker	Dale Class	Civilian - RN	1944	45	
Oil tanker	Cimarron Class (speed 5")	Civilian - USN	N/A	35	
Oil tanker	Cimarron Class (speed 5")	Civilian - USN	1942	45	
Oil tanker	Cimarron Class (speed 5")	Civilian - USN	1944	50	
Oil tanker	Generic	Civilian	1942	40	
Oil tanker	Generic	Civilian	1944	50	
Liberty Class Cargo		Civilian - US /RN	1941	25	
Victory Class Cargo		Civilian - US /RN	N/A	30	
Troop Ship		Civilian	N/A	25	
Liner		Civilian	N/A	25	