

= Mahan @-@ class destroyer =

The Mahan @-@ class destroyers of the United States Navy were a series of 18 destroyers of which the first 16 were laid down in 1934 . The last two of the 18 , Dunlap and Fanning ( this pair laid down in 1935 ) , are sometimes considered as a separate ship class . All 18 were commissioned in 1936 and 1937 . Mahan was the lead ship , named for Rear Admiral Alfred Thayer Mahan , an influential historian and theorist on sea power .

The Mahans featured improvements over previous destroyers , with 12 torpedo tubes , superimposed gun shelters , and generators for emergency use . Standard displacement increased from 1 @, @ 365 tons to 1 @, @ 500 tons . The class introduced a new steam propulsion system that combined increases in pressure and temperature with a new type of lightweight steam turbine , proving simpler and more efficient than the Mahans ' predecessors ? so much so that it was used on many subsequent wartime US destroyers .

All 18 ships saw action in World War II , entirely in the Pacific Theater , including during the Guadalcanal Campaign , and the battles of the Santa Cruz Islands , Leyte Gulf , and Iwo Jima . Their participation in major and secondary campaigns included the bombardment of beachheads , amphibious landings , task force screening , convoy and patrol duty , and anti @-@ aircraft and submarine warfare . Six ships were lost in combat and two were expended in the postwar Operation Crossroads nuclear tests . The remainder were decommissioned , sold , or scrapped after the war ; none remain today . Collectively , the ships received 111 battle stars for their World War II service .

= = Design = =

The Mahan @-@ class destroyers emerged as improved versions of the Farragut class , incorporating the most up @-@ to @-@ date machinery available . The Navy 's General Board had been wrestling with proposed design changes , first considering 12 torpedo tubes with one fewer 5 @-@ inch ( 127 mm ) / 38 caliber gun , and then proposing to retain all five guns with the twelve torpedo tubes , but configuring those guns only for surface targets , not air targets . The Chief of Naval Operations objected , recommending against " subordinating the gun to the torpedo " , and a compromise was struck that included a new engineering plant and a new battery arrangement for the Mahan class and others . In the final design , No. 3 gun was moved to the aft deckhouse ( just ahead of No. 4 ) to make room for the third quadruple torpedo tube ; the two middle torpedo tubes were moved to the sides , releasing the centerline space for extension of the aft deckhouse . All five 5 in / 38s were kept and remained dual purpose guns , able to target aircraft as well as ships , but only No. 1 and No. 2 had gun shields . The traditional destroyer machinery was replaced with a new generation of land @-@ based machinery . This change ushered in a new steam propulsion system that combined increases in pressure and temperature with a new type of lightweight steam turbine , which proved simpler and more efficient to operate . Double reduction gearing also reduced the size of the faster @-@ turning turbines and allowed cruising turbines to be added . These changes led to a ten percent increase in displacement over the Farraguts .

The Mahans typically had a tripod foremast with a pole mainmast . To improve the anti @-@ aircraft field of fire , their tripod foremast was constructed without nautical rigging . In silhouette , they were similar to the larger Porter @-@ class destroyers that immediately preceded them . The Mahans were fitted with the first emergency generators , replacing the storage batteries of earlier classes . Gun crew shelters were built for the superimposed weapons , one shelter before the bridge and one atop the shelter deck aft .

The Mahans displaced 1 @, @ 500 long tons ( 1 @, @ 524 t ) at standard load and 1 @, @ 725 long tons ( 1 @, @ 753 t ) at deep load . The overall length of the class was 341 feet 3 inches ( 104 @. @ 0 m ) , the beam was 35 feet 6 inches ( 10 @. @ 8 m ) , and the draft 10 feet 7 inches ( 3 @. @ 2 m ) . They were powered by General Electric geared steam turbines , driving two shafts that developed a total of 46 @, @ 000 shaft horsepower ( 34 @, @ 000 kW ) for a maximum speed of 37 knots ( 69 km / h ; 43 mph ) . Four Babcock & Wilcox or four Foster Wheeler water @-@ tube boilers generated the superheated steam needed for the turbines . The Mahans carried a maximum of 523

long tons ( 531 t ) of fuel oil , with a range of 6 @, @ 940 nautical miles ( 12 @, @ 850 km ; 7 @, @ 990 mi ) at 12 knots ( 22 km / h ; 14 mph ) . Their peacetime complement was 158 officers and enlisted men . The wartime complement increased to approximately 250 officers and enlisted men .

= = = Engineering = = =

The Mahans ' propulsion plant was considerably improved over that of the Farraguts . Steam pressure was raised from 400 psi ( 2 @, @ 800 kPa ) to 465 psi ( 3 @, @ 210 kPa ) in some ships , and superheated steam temperature was raised from 648 ° F ( 342 ° C ) to 700 ° F ( 371 ° C ) in all ships . Double reduction gearing replaced single reduction gearing , allowing smaller , faster @-@ turning turbines to be used ; this saved enough space and weight to allow cruising turbines to be fitted , which greatly improved fuel economy at moderate speeds . Boiler economizers , as in previous ships , further improved fuel economy . The ships ' range was extended to 6 @, @ 940 nmi ( 12 @, @ 850 km ; 7 @, @ 990 mi ) at 12 knots ( 22 km / h ; 14 mph ) , 1 @, @ 000 nmi ( 1 @, @ 900 km ; 1 @, @ 200 mi ) farther than the Farraguts . Design shaft horsepower was increased from 42 @, @ 800 shp ( 31 @, @ 900 kW ) to 48 @, @ 000 shp ( 36 @, @ 000 kW ) in the same space and weight as in the Farraguts . The relatively compact power plant contributed to the Mahans ' ability to carry 12 torpedo tubes instead of eight with only 150 tons extra displacement . The main turbines were manufactured by General Electric and were impulse @-@ type , also called Curtis turbines . Each main turbine was divided into a high @-@ pressure ( HP ) and a low @-@ pressure ( LP ) turbine feeding into a common reduction gear to drive a shaft , in a similar manner to the machinery illustrated at the following reference . Steam from the boilers was supplied to the HP turbine , which exhausted to the LP turbine , which exhausted to a condenser . The cruising turbines were geared to the HP turbines and could be engaged or disengaged as needed ; at low speeds they were operated in series with the HP turbines to improve the efficiency of the overall turbine arrangement , thus improving fuel economy . This general arrangement with double reduction gearing became standard for most subsequent steam @-@ powered surface ships of the US Navy , although not all of these had cruising turbines .

= = = Armament = = =

The main battery of the Mahan class consisted of five dual purpose 5 @-@ inch ( 127 mm ) / 38 caliber guns , equipped with the Mark 33 gun fire @-@ control system . The anti @-@ aircraft battery had four water @-@ cooled .50 caliber machine guns ( 12 @. @ 7 mm ) . The class was fitted with three quadruple torpedo tube mounts for twelve 21 @-@ inch ( 533 mm ) torpedo tubes , guided by the Mark 27 torpedo fire control system . The class was initially equipped with the Mark 11 torpedo or Mark 12 torpedo , which were replaced by the Mark 15 torpedo beginning in 1938 . Depth charge roll @-@ off racks were rigged on the stern .

In early 1942 , the Mahan @-@ class destroyers began a wartime armament refitting process , but most of the class was not fully refitted until 1944 . The notable refits to the Mahan class included the removal of one 5 @-@ inch / 38 gun , typically replaced with two twin Bofors 40 mm guns ( 1 @. @ 6 in ) and between four and six 20 mm Oerlikon ( 0 @. @ 9 in ) guns to increase the ships ' light anti @-@ aircraft ( AA ) armament .

In January 1945 , removal of two quadruple torpedo tubes was authorized to permit substitution of two 40 mm quad mounts . In June , removal of the third centerline tube was authorized to make way for two 40 mm twin mounts abreast of the aft stack . All ships receiving these AA modifications were to have directors installed with their new 40 mm mounts ; these Mark 51s were to be replaced by new blind @-@ firing GFFC Mark 63 installations with radar .

= = Dunlap class = =

The Dunlap class was a two @-@ ship destroyer class based on the Mahan design , listed as a separate class in some sources . The ships were USS Dunlap ( DD @-@ 384 ) and USS Fanning (

DD @-@ 385 ) , the last two Mahans . Unlike the Mahans , the Dunlaps had the new Mark 25 enclosed mounts for the two forward 5 @-@ inch / 38 caliber guns , with base rings housing projectile hoists that rotated with each of the guns ; their ammunition was fed from a handling room below each mount . Dunlap and Fanning were the first US destroyers to use enclosed forward gun mounts rather than shields ; their light pole foremast and lack of a mainmast visibly distinguished them from the Mahans .

= = Construction = =

The building of the first sixteen vessels was all authorised under the NIRA Executive Order on 16 June 1933 ; the last two were authorised under the Vinson @-@ Trammell Act on 27 March 1934 ( as part of a batch of 95 destroyers authorised on that date - covering DD @-@ 380 to DD @-@ 436 and DD @-@ 445 to DD @-@ 482 ) . Contracts for the first six Mahans were awarded to three shipbuilders , but none of the builders had what the US Navy judged as an acceptable in @-@ house design structure . On the strength of their reputation , the New York firm of Gibbs & Cox was named as the design agent . The firm had no experience in the design of warships , but had successfully designed passenger @-@ cargo liners with better propulsion systems than any available to the US Navy . The decision was made to design the Mahan class and future classes around a new generation of machinery , including a cheaper , faster and more efficient propulsion system that combined increases in steam pressure and temperature with a new type of lightweight , fast @-@ running turbine and double reduction gears .

= = Ships in class = =

= = Service history = =

= = = Mahan = = =

USS Mahan was commissioned on the east coast in September 1936 and served in the Atlantic area until July 1937 . She sailed to the Southern California coast for fleet training before moving on to Pearl Harbor . At sea when the Japanese attacked Pearl Harbor on 7 December 1941 , Mahan participated in the initial post @-@ attack efforts in search of the strike force . The ship joined Task Force 17 in February 1942 , which conducted raids on several atolls in the Marshall and Gilbert Islands . Late in March , she returned to Pearl Harbor and proceeded to the west coast for overhaul . By August 1942 , Mahan was back operating out of Pearl Harbor .

In October 1942 , Mahan was assigned to Task Force 61 and took part in the Battle of the Santa Cruz Islands . The engagement cost the Navy 74 aircraft , the aircraft carrier Hornet , and one destroyer . While en route to Nouméa , New Caledonia , Mahan and the battleship South Dakota collided , causing severe damage to both ships . Temporary repairs were made to Mahan and she steamed to Pearl Harbor for a new bow . She pulled out of Pearl Harbor in January 1943 . In the months to follow , Mahan escorted convoys between New Hebrides and the Fiji Islands , performed patrol assignments off New Caledonia and engaged in operations in Australian waters . Assigned to the amphibious force of Rear Admiral Daniel E. Barbey , Mahan participated in a succession of wide @-@ ranging amphibious campaigns in New Guinea and New Britain . In February and March 1944 , she saw action with the 7th Fleet in the Admiralty Islands . After that the ship was ordered back to the west coast for an overhaul , leaving the yard in July 1944 for Pearl Harbor .

Returning to New Guinea , Mahan began to escort convoys between Hollandia , in Indonesia and Leyte , in the Philippine Islands . By November 1944 , she was doing anti @-@ submarine patrols off Leyte . On 7 December 1944 while patrolling the channel between Leyte and Ponson Island , a group of Japanese suicide aircraft overwhelmed Mahan at Ormoc Bay . She was disabled by the attack , then abandoned and sunk by a US destroyer . Mahan received five battle stars for her World

War II service .

= = = Cummings = = =

USS Cummings served in the Pacific Fleet in the late 1930s , participating in numerous individual and fleet training exercises . In 1940 , she served on security patrols off the west coast . Cummings went on a goodwill visit to several ports in the South Pacific , including Auckland , New Zealand , and Tahiti . The destroyer was hit by fragments while docked in Pearl Harbor during the Japanese attack , and suffered a few casualties . She escorted convoys between Pearl Harbor and the west coast for the first six months of World War II . In June 1942 , she was transferred to convoy escort duties in the South Pacific until August , when she had an overhaul in San Francisco , and then returned to her role as a convoy escort in the South Pacific .

In January 1944 , Cummings joined the screen for the Fast Carrier Strike Force while it raided Japanese positions in the Central Pacific . In March , Cummings sailed for Trincomalee , Ceylon , where she rendezvoused with British ships for exercises . In April , the ship joined a British force to screen during air strikes on Sabang , Indonesia . She returned to Ceylon in May and then moved on to Exmouth Gulf , Australia . With a British force , Cummings sortied for air strikes on Soerabaja , Java , before leaving for Pearl Harbor .

By July she was back in San Francisco to escort the heavy cruiser Baltimore , the ship that carried President Franklin D. Roosevelt to Pearl Harbor . Cummings joined the US 3rd Fleet for the Battle of Leyte Gulf in October 1944 . The next month , she bombarded Iwo Jima in preparation for the amphibious assault on the island . The ship operated off Okinawa during its invasion . After the war , Cummings returned to the United States and was decommissioned in December 1945 and sold for scrap in July 1947 . She received seven battle stars for her World War II service .

= = = Drayton = = =

USS Drayton made her shakedown cruise to Europe late in 1936 , and finished her final trials in the United States . She left Norfolk , Virginia , in June 1937 for San Diego , California , to join the Scouting Force . In July , Drayton participated in the search for the lost American pilot , Amelia Earhart . For the next two years , she exercised along the west coast , the Hawaiian Islands , and the Caribbean . When the Japanese attacked Pearl Harbor , Drayton was at sea but able to participate in the post @-@ attack efforts in search of the enemy force . During the succeeding three months , she escorted a convoy to Christmas Island ( Kiritimati ) , screened a carrier in an airstrike on Bougainville Island , and screened a tanker to Suva Harbor , Fiji Islands . In late November 1942 Drayton became part of Task Force 67 , which intercepted a Japanese naval force guarding transports en route to resupply Guadalcanal . The Battle of Tassafaronga followed .

Throughout June , July and August 1943 , Drayton escorted Australian troop carriers from Townsville , Australia , to Milne Bay , New Guinea . In early September , the ship supported the amphibious landing at Lae , New Guinea . Later in September , she participated in the amphibious landing at Finschhafen , New Guinea . After escorting troops to Arawe , New Britain , in December 1943 , Drayton participated in the landings there and at Borgen Bay , near Cape Gloucester , New Britain . The destroyer took part in the invasion of Los Negros Island in the Admiralty Islands during February 1944 . She reported to the 7th Fleet in October and performed patrol and escort duty in Leyte Gulf . In December 1944 , while screening a convoy to San Pedro Bay in the Philippines , a Japanese bomber attacked the ship , killing two men and wounding seven . The next day , she fought off enemy fighters ; one crashed into a 5 " / 38 caliber gun mount , killing six men and wounding twelve . By August 1945 she was on her way to New York , arriving in September . Drayton was decommissioned in October 1945 and sold for scrap in December 1946 . She received 11 battle stars for her World War II service .

= = = Lamson = = =

USS Lamson shipped out of Norfolk , Virginia , in June 1937 for San Diego , California , less than a year after her naval service began . She engaged in exercises and tactical training until sailing for Pearl Harbor in October 1939 . For the next two years , Lamson continued training from her base in Hawaii . Following the attack on Pearl Harbor , she joined the post @-@ attack efforts to search for the Japanese strike force . In February 1942 she became part of the newly formed ANZAC Squadron , consisting of Australian , New Zealand , and American warships in Suva , Fiji Islands . In March , she operated with the squadron as a cover group southeast of Papua New Guinea . In late November 1942 , Lamson was assigned to Task Force 67 and took part in the Battle of Tassafaronga .

For the next eight months , Lamson screened convoys en route to Guadalcanal . By August 1943 , she had moved on to Milne Bay , New Guinea , and participated in the September amphibious landings at Lae and Finschhafen . In December , the ship engaged in the pre @-@ invasion bombardment of Arawe and landings at Cape Gloucester , New Britain . After an overhaul and training at Pearl Harbor , Lamson joined the 7th Fleet in October 1944 . In early December 1944 , she took part in the amphibious landing at Ormoc Bay , Leyte , Philippine Islands . There she was struck by a kamikaze that set fire to the ship , killing 21 men and injuring 50 . The fires were extinguished by a rescue tug and Lamson was saved . After extensive repairs in the Puget Sound Naval Shipyard , she returned to the Pacific and operated off Iwo Jima , then sailed to the United States in November 1945 . In May 1946 , she participated in the Able nuclear test of Operation Crossroads ; she was sunk in the Baker test in July 1946 . Lamson received five battle stars for her World War II service .

= = = Flusser = = =

USS Flusser steamed her way to San Diego , California , in July 1937 , after spending the first months of her naval service in the Atlantic and Mediterranean . She was based in San Diego until 1939 , then reassigned to Pearl Harbor . Flusser was at sea when the Japanese struck Pearl Harbor , but took part in the post @-@ attack search . For the next six months , she carried out convoy duty between Pearl Harbor and the west coast , and engaged in escort and patrol duty out of southwest Pacific ports . From July 1942 to February 1943 , Flusser was in overhaul status at Pearl Harbor . She returned to escort and training operations in the Solomon Islands and was later based at Milne Bay , New Guinea . During September , Flusser was part of the amphibious landing forces at Lae and Finschhafen , New Guinea . In December 1943 , the destroyer participated in the bombardment and landings at Arawe and Cape Gloucester , New Britain . While attached to the 7th Fleet in February , she supported the landing of troops at Los Negros Island in the Admiralty Islands . Between April and June 1944 , the ship was in the Mare Island Naval Shipyard for overhaul .

After her overhaul , Flusser returned to Pearl Harbor . In August , she escorted a convoy to Eniwetok and moved on to Majuro in the Marshall Islands , where she patrolled bypassed Japanese @-@ held atolls . On a patrol off Wotje Atoll , the ship was fired on by a shore battery that left nine of her crew members wounded . In October , she sailed north to San Pedro Bay for duty in the Leyte Gulf and Surigao Strait . By early December 1944 , Flusser had escorted convoys from Hollandia Jayapura to Leyte and taken part in the amphibious landing at Ormoc Bay . In March 1945 , Flusser provided escort support for the landing near Cebu in the Philippines . During July she participated in the Balikpapan campaign in Borneo , escorting ships and covering the landing . After occupation duty in Okinawa during September and October , she sailed to San Diego , California , arriving in November 1945 . During 1946 , Flusser took part in the atomic weapons tests in the Marshall Islands . From there , she steamed to Pearl Harbor , then to Norfolk , Virginia . The destroyer was decommissioned there in December 1946 and sold in January 1948 . Flusser received eight battle stars for her World War II service .

= = = Reid = = =

USS Reid came into naval service in November 1936 . From 1937 until 1941 , she participated in

training and fleet maneuvers in the Atlantic and Pacific . Reid was berthed at Pearl Harbor when the Japanese attacked , but escaped without damage while her gunners fired at the enemy attackers . After the attack , Reid did patrol duty in the Hawaiian waters , and later escorted convoys to San Francisco , California . Late in May 1942 , Reid steamed north from Pearl Harbor to bombard the Japanese positions in Kiska and supported landings at Adak , Alaska . While conducting an anti @-@ submarine patrol in August , she brought a Japanese submarine to the surface with a heavy depth charge barrage , and opened fire on it until it capsized and sank . Five of the submarine 's crew survived and were rescued by Reid . By October , she was patrolling the waters near New Caledonia , Samoa , and the Fiji Islands . In January 1943 , the ship bombarded several Japanese locations on Guadalcanal .

During September 1943 , Reid provided support for the landings at Lae and Finschhafen , New Guinea . In December , Reid escorted troop transports for the landings at Arawe , New Britain , and participated in the landings at Cape Gloucester , New Britain . In the following months she supported landings at Los Negros Island in the Admiralty Islands , Hollandia Jayapura , Wakde Island , Biak , and Noemfoor , New Guinea . Reid supported air strikes against Wake Island , and in November 1944 did patrol duty off Leyte in the Philippines .

On 11 December 1944 , Reid was operating with a convoy bound for Ormoc Bay , Leyte , to resupply land forces . Late that afternoon , a group of Japanese planes descended on the convoy and penetrated the defenses , taking aim at Reid and another destroyer . The destroyers put up an anti @-@ aircraft barrage that splashed some of the planes and damaged others , but Reid was hit by five suicide planes , causing powerful explosions . Within minutes , she went to the bottom , and over a hundred men perished . Reid received seven battle stars for her World War II service .

== = Case == =

USS Case began active duty in September 1936 and was assigned to the Pacific Fleet . In April 1940 , Pearl Harbor became her home base . The following year , she participated in fleet exercises to Midway Island , Johnston Island , Palmyra Atoll , Samoa , and Auckland . Case was berthed at Pearl Harbor when the Japanese struck , but sustained no damage . After the attack , she escorted convoys between the west coast and Pearl Harbor until late May 1942 . Case went north to support the pre @-@ invasion bombardment of Kiska and do patrol duty off Adak , Alaska . In October , the ship escorted a convoy to Pearl Harbor and then headed to the states for repair , returning to Pearl Harbor in November . In January 1943 , she sailed to Espiritu Santo for training and remained there until September . After overhaul in San Francisco , California , Case returned to Pearl Harbor in December 1943 . She proceeded to the Marshall Islands , taking part in attacks on Wotje Atoll and Maloelap Atoll in late January and Eniwetok in early February 1944 .

In April 1944 , Case took part in air raids on Hollandia , Truk ( Chuuk Lagoon ) , Satawan , and Ponape Island . Her next assignment was with Task Group 58 @.@ 4 , participating in strikes on Japanese airfields in the Bonin Islands . During June 1944 , Case engaged in raids on the Mariana Islands and Vulcan Islands . Following repair work at Eniwetok , the ship resumed operations with the task group , screening for air strikes in July and for attacks on the Bonin Islands in August and September . She took part in the bombardment of Marcus Island before joining Task Group 38 @.@ 1 for strikes on Luzon . While screening US cruisers bound for Saipan , Case rammed and sank a Japanese midget submarine . Undamaged , she sailed to Saipan for offshore patrol duty until early December 1944 . Afterward , Case became involved in a raid on Iwo Jima airfields and helped sink two Japanese ships . Following repairs at Saipan , she patrolled between there and Iwo Jima until the end of the war . She then left Iwo Jima for Norfolk , Virginia , where she was decommissioned in December 1945 and sold in December 1947 . Case received seven battle stars for her World War II service .

== = Conyngham == =

USS Conyngham made her maiden voyage to northern Europe in early 1937 , shortly after being

commissioned . Following an overhaul in Boston , she sailed to San Diego , California . From October 1937 until April 1940 , Conyngham operated along the west coast , the Hawaiian Islands and the Caribbean , then made her way to Pearl Harbor . In March 1941 , Conyngham left Pearl Harbor on a goodwill tour to Samoa , Sydney and Brisbane in Australia , and Suva in Fiji , returning in April 1941 . Undamaged by the Japanese attack on Pearl Harbor , she put to sea on patrol duty that continued through December . After a brief overhaul at the Mare Island Naval Shipyard , Conyngham performed escort duty between the west coast and New Hebrides . Her escort assignment was interrupted to screen carriers in the Battle of Midway Island in June 1942 .

During October 1942 , Conyngham participated in the Battle of the Santa Cruz Islands and supported the attack at the Matanikau River , Guadalcanal . In June 1943 she joined an amphibious force that later carried out landings at Lae and Finschhafen , New Guinea . In December , she took part in the landings at Arawe and Cape Gloucester , New Britain . The next month , Conyngham participated in the landing at Saidor , New Guinea , and sailed to San Francisco for overhaul . Returning to duty in May 1944 , she screened battleships in the Mariana Islands and remained there until August . Conyngham then joined a convoy screening ships to the Philippines Islands , arriving at Leyte Gulf in early November 1944 . There , a floatplane ( a type of seaplane ) strafed her , wounding 17 men yet causing slight damage to the ship . By early December , she had covered landings at Ormoc Bay and helped with reinforcements . Conyngham left the Philippines late in December for Manus Island , New Guinea , to replenish supplies . Later on , she helped screen a convoy to Leyte for the landings at Lingayen Gulf . The ship participated in bombardments at Lingayen Gulf and remained on patrol there after the landings in January 1945 . Conyngham sailed to Subic Bay for overhaul in late July 1945 , and remained there until the end of the war . Decommissioned in December 1946 , Conyngham was used in the atomic weapons test at Bikini in 1946 , and was scuttled in July 1948 . She received 14 battle stars for her World War II service .

== = Cassin == =

USS Cassin began naval service in August 1936 , but alterations kept her from sea duty until March 1937 . The next year , she joined the forces at Pearl Harbor for annual fleet exercises . In April 1940 , Cassin was assigned to a Hawaiian unit . When the Japanese attacked Pearl Harbor , Cassin was in dry @-@ dock with the battleship Pennsylvania and the destroyer Downes . Both destroyers were at the southern end of the dock when an incendiary bomb struck Downes , starting unstoppable fires on both destroyers . Cassin slipped off her blocks and rolled over onto the burning Downes . She was salvaged and towed to the Mare Island Navy Yard and decommissioned .

Cassin was rebuilt and commissioned again in February 1944 . She reported to Pearl Harbor in April and pulled escort duty until August . In October , the ship took part in the shelling of Marcus Island to destroy enemy installations . After participating in the bombardment of Iwo Jima in November 1944 and January 1945 , she escorted an ammunition ship to the newly invaded Iwo Jima . There , Cassin did radar picket and air @-@ sea rescue duty .

With the war over , she took part in guarding the air evacuation of released prisoners of war from Japan . In November 1945 , the ship deployed to Norfolk , Virginia , and decommissioned there in December 1945 . She was sold for scrap in November 1947 . Cassin received six battle stars for her World War II service .

== = Shaw == =

USS Shaw crossed the Atlantic on her shakedown cruise in April 1937 , and returned to the Philadelphia Navy Yard in June . There , she began a year of yard work before completing acceptance trials . For the remainder of the year , the ship conducted training exercises in the Atlantic . Sailing to the west coast , she was at the Mare Island Navy Yard from January to April 1939 . By April 1940 , Shaw moved on to Hawaiian waters , then back to the west coast in November for overhaul . She returned to Hawaii in February 1941 , and later entered the Pearl Harbor Navy Yard for repairs . Shaw was still in dry dock when the Japanese attacked , with most of

the ship 's crew ashore . She was hit by three bombs and severely damaged when her forward magazine exploded . Temporary repairs were made at Pearl Harbor , and in February 1942 the ship sailed to the west coast to complete them .

With repairs completed , Shaw returned to Pearl Harbor in August 1942 . She was then assigned to Task Force 61 , and took part in the Battle of Santa Cruz Islands in mid @-@ October . Reassigned to a unit of the 7th Amphibious Force , Shaw escorted reinforcements to Lae and Finschhafen , New Guinea , for the remainder of October and part of November . In late December , she escorted units engaged in the assault on Cape Gloucester , New Britain , and sustained casualties and damage . Thirty @-@ six men were injured ; three later died of their wounds . Temporary repairs were made at Milne Bay , New Guinea , and permanent repairs were completed at San Francisco in May 1944 . Shaw then returned to Pearl Harbor .

With Task Force 52 , she participated in the offensive to gain possession of the Japanese @-@ held Mariana Islands . In January 1945 , with the San Fabian Attack Force , Shaw saw action at Manila Bay in the Philippine Islands . She returned to the United States in April , stopping first at San Francisco for repairs , then routed to New York via Philadelphia for deactivation . The ship was decommissioned in October 1945 and sold for scrap in July 1946 . Shaw received 11 battle stars for her World War II service .

= = = Tucker = = =

USS Tucker was commissioned in July 1936 . After her shakedown cruise , she joined the destroyer forces attached to the US Battle Fleet based in San Diego , California . In February 1939 the ship took part in a naval exercise in the Caribbean , personally observed by President Franklin D. Roosevelt from the cruiser Houston . After exercises in Hawaiian waters in early 1940 , Tucker operated between the west coast and Hawaii until the end of the year . By February 1941 , she was back in Pearl Harbor . Tucker went on a goodwill tour that included Auckland , during March , before returning to Pearl Harbor . There , she participated in exercises at sea before sailing on to San Diego . By November 1941 , Tucker was once again in Pearl Harbor . When the Japanese attacked , the ship was berthed at East Loch undergoing tender overhaul . She was undamaged , and returned fire on the Japanese forces .

After the hostilities , Tucker patrolled off Pearl Harbor , then spent the next five months escorting convoys between the west coast and Hawaii . She later escorted the tender Wright to Tutuila in American Samoa , Suva in the Fiji Islands , and Nouméa in New Caledonia . The ship then escorted Wright back to Suva , arriving there in June 1942 . From Suva , she escorted the cargo ship Nira Luckenbach to Espiritu Santo , New Hebrides , in August . The ship entered the harbor by the western entrance and struck at least one mine . The crew abandoned ship and was rescued by nearby vessels . Efforts to save her were in vain ; she eventually jack @-@ knifed and went to the bottom . Tucker had steamed into a minefield placed by US forces , but she was never informed of its existence . Three men were killed and three more were listed as missing . She was removed from the Navy list in December 1944 . Tucker received one battle star for her World War II service .

= = = Downes = = =

USS Downes entered service in January 1937 . The following November , she sailed from Norfolk , Virginia , to San Diego , California . While based there , Downes participated in exercises along the west coast , in the Caribbean and in Hawaiian waters until April 1940 . Pearl Harbor then became her homeport . In early 1941 , Downes joined a cruise to Samoa , the Fiji Islands , and Australia , then visited the west coast later in the year . When the Japanese attacked Pearl Harbor , Downes was in dry @-@ dock with the battleship Pennsylvania and the destroyer Cassin . Both destroyers were at the southern end of the dock when an incendiary bomb struck Downes , setting unstoppable fires on both ships . Cassin slipped her blocks and rolled over onto the burning Downes , and Downes was later decommissioned .

Downes was rebuilt and recommissioned in November 1943 . During March of 1944 , she escorted



a convoy to Pearl Harbor and on to Majuro in the Marshall Islands . By July , Downes began escort duty from Eniwetok to Saipan in support of the invasion of the Mariana Islands . Then she patrolled off Tinian during its invasion , and gave fire support during mop @-@ up operations there . Afterward , Downes took part in the bombardment of Marcus Island to create a diversion and destroy Japanese installations , an action that Admiral Halsey later commended . During the Battle of Leyte Gulf , the ship screened the Fast Carrier Task Force during the air strikes on Vice Admiral Jisabur? Ozawa 's Northern Force . Downes served in Iwo Jima from June 1944 until the end of the war , when the ship was ordered to return to the United States , arriving at Norfolk in November 1945 . She was decommissioned in December 1945 and sold in November 1947 . Downes received four battle stars for her World War II service .

= = = Cushing = = =

USS Cushing reported to the Pacific Fleet in August 1936 , soon after her Navy service began . She joined the unsuccessful search for the missing Earhart during the month of July 1937 . She moved on to San Diego for training exercises , continuing to operate along the west coast for the next several years . Cushing was under overhaul at the Mare Island Navy Yard when the Japanese struck Pearl Harbor . Following the attack , she did convoy duty between the west coast and Pearl Harbor , and later operated off Midway Island on anti @-@ submarine patrol . In August 1942 , Cushing sailed to Pearl Harbor for training exercises and later joined operations around Guadalcanal .

With Task Force 61 , Cushing took part in the bitterly contested Battle of Santa Cruz in October 1942 . Outnumbered , the force stalled the Japanese from their advance toward Guadalcanal . At the Battle of Guadalcanal , Cushing was perhaps the first US ship to strike the enemy on that November day in 1942 . In the fighting that followed , she sustained several hits amidships and slowly began to lose power , but was able to fire six torpedoes by local control at the Japanese battleship Hiei . In his book , Destroyer Operations in World War II ( 1953 ) , Theodore Roscoe said , ? Three of the ? fish ? seemed to hit the bulls @-@ eye ; if they did , it was with tack @-@ hammer thumps . They may have exploded prematurely . But Hiei 's lookouts must have seen them coming , for the big ship swung her bow to the left and lumbered westward , disappearing into the smoke @-@ haze . ? By this time , Cushing was dead in the water , an easy target for repeated enemy shelling . The results were disastrous and the order was given to abandon ship . Six officers and 53 men were lost . Of the survivors rescued , 56 had been wounded and ten of them suffered fatal injuries . The abandoned ship remained afloat until her magazines blew up . Cushing received three battle stars for her World War II service .

= = = Perkins = = =

USS Perkins was commissioned in September 1936 and San Diego , California , became her homeport . She operated in the eastern Pacific prior to World War II , and was at the Mare Island Navy Yard when the Japanese struck Pearl Harbor . In mid @-@ December , she escorted a convoy to Pearl Harbor , returned to Mare Island for new radar gear , and sailed back to Pearl Harbor the latter part of January 1942 . The following month , Perkins departed Pearl Harbor and joined Australian , New Zealand , and other US ships in the ANZAC Squadron , charged with protecting the eastern approaches to Australia and New Zealand . She continued operations with ANZAC until April . In May 1942 , Perkins participated in the Battle of the Coral Sea . After that , propeller problems took her to New Zealand and to Pearl Harbor , where repairs were completed . While at Pearl Harbor , additional radar gear and 40 mm guns were installed .

By November 1942 Perkins was with Task Force 67 , led by Rear Admiral Carleton H. Wright . In the nighttime Battle of Tassafaronga , the force intercepted the Japanese to stop them from supplying Guadalcanal . Undamaged in the encounter , Perkins headed for Tulagi where she bombarded the Guadalcanal coast and served on escort assignments until January 1943 . She joined Task Force 76 , an amphibious group , in March . In September 1943 , Perkins bombarded

Lae , New Guinea , and supported the landings there . She took part in the successful landings at Finschhafen , New Guinea . Late in November , the ship was bound from Milne Bay to Buna , steaming independently , when Duntroon , an Australian troopship , accidentally collided with her . Perkins broke in two and quickly sank ; nine of the crew went down with her . Perkins received four battle stars for her World War II service .

= = = Smith = = =

USS Smith began her US naval service in September 1936 , and operated along the west coast of the United States for the next five years . From the start of World War II until April 1942 , she was based in San Francisco , California , attached to a destroyer squadron . In June , Smith was in Pearl Harbor , engaged in training exercises , then escorted a convoy back to San Francisco . After overhaul and sea trials in the bay area , Smith returned to Pearl Harbor in August . By October she was part of Task Force 61 , participating in the Battle of Santa Cruz . In the course of the battle , a Japanese torpedo plane crashed into her ; the explosion ignited the forward part of the ship . The crew eventually extinguished the fires , and Smith was able to retain her position in the screen . When the air cleared , 28 were dead and 23 wounded . She was patched up enough in New Caledonia to make her way to Pearl Harbor , where she was under overhaul until February 1943 . The next few months , Smith performed anti @-@ submarine patrols , did convoy duty , and participated in Navy exercises . In September and October , she was part of the amphibious landings at Lae and Finschhafen , New Guinea . In late December 1943 Smith was attached to Task Force 76 , and took part in landing the 1st Marine Division at Cape Gloucester , New Britain .

In January 1944 , Smith participated in the amphibious landing near Saidor , New Guinea , led by Barbey . In February , she bombarded designated targets in preparation for the landing at Los Negros in the Admiralty Islands . By the middle of March , Smith sailed to the west coast for overhaul . Completed in June , she returned to Pearl Harbor for training exercises and gunnery practice . Attached to the 7th Fleet in October , Smith sailed to Leyte Gulf in the Philippine Islands . There , she was positioned northeast of Ponson Island as a fighter director ship for the landing at Ormoc Bay in December 1944 . During January 1945 , Smith supported the landings in Lingayen Gulf , Philippine Islands . In late June , she bombarded Balikpapan , Borneo , in preparation for the landing by an Australian force . Smith departed the Philippines on 15 August 1945 for Buckner Bay , remaining there until steaming to Nagasaki Harbor , Kyushu , Japan , on 15 September , arriving there just 37 days after the nuclear bombing of Nagasaki on 9 August 1945 by US forces . There the ship boarded 80 US military ex @-@ prisoners of war , taking them to Okinawa for transfer to the United States . On 21 September Smith returned to Nagasaki and picked up 90 Allied prisoners of war , taking them to Bickner Bay . She arrived in Sasebo , Nagasaki , on 28 September and departed two days later for San Diego via Pearl Harbor . Docking at San Diego on 19 November , she remained there until ordered to Pearl Harbor on 28 December , arriving there on 3 January 1946 and assumed an inactive status . The ship was decommissioned on 28 June 1946 and struck from the Navy list on 25 February 1947 . Smith received six battle stars for her World War II service .

= = = Preston = = =

USS Preston was in service from October 1936 until November 1942 . Following shakedown , she served briefly under the Chief of Naval Operations , then joined the US Fleet . Preston did peacetime training exercises into the month of December 1941 , and performed patrol and escort duties along the west coast until June 1942 . After that , she screened the carrier Saratoga to Hawaii , followed by four months of patrol and escort work in Hawaiian waters .

In October she became part of Task Force 61 and participated in the Battle of Santa Cruz . In mid @-@ November 1942 , Preston sailed to the western end of Guadalcanal to intercept another run by the Japanese to bombard Henderson Field . In the ensuing skirmish , Preston was hit by a salvo from a Japanese cruiser that put both fire rooms out of commission and toppled the aft stack . Her fires made an easy target ; as they spread , the order was given to abandon ship . The ship rolled

onto her side and sank , taking 116 of her crew with her . Preston received two battle stars for her World War II service .

= = = Dunlap = = =

USS Dunlap became part of the US Navy in June 1937 . A year later , she served as an escort at Philadelphia for the steamer SS Kungsholm , which carried Gustaf Adolf , the Crown Prince of Sweden . By April 1940 , Pearl Harbor was Dunlap 's homeport . When the Japanese attacked , Dunlap was at sea bound for Pearl Harbor ; she entered port the following day . In January , she sortied for air strikes on the Marshall Islands , and in February she took part in a raid on Wake Island . Afterward , Dunlap patrolled Hawaiian waters , escorted convoys between various ports on the west coast , and returned to Pearl Harbor in October 1942 . In December , the destroyer moved on to Noumea , New Caledonia , and operated from there until July 1943 . Dunlap saw action at Vella Gulf in the Solomon Islands in a nighttime torpedo clash . In United States Destroyer Operations in World War II ( 1953 ) , Theodore Roscoe wrote : " In the Battle of Vella Gulf , as this engagement was called , the enemy had not laid a hand on the American ships . "

After overhaul in San Diego , Dunlap performed patrol duty out of Adak , Alaska , in November and December 1943 and sailed to Pearl Harbor . From January until March 1944 , she screened carriers in strikes on the Marshall Islands with the 5th Fleet . After that , Dunlap took part in strikes on the Soerabaja area of Java in May and returned to Pearl Harbor in June . In July , she sailed to San Francisco to join the screen for the heavy cruiser Baltimore , which carried Roosevelt for conferences and inspections with top Pacific commanders of Pearl Harbor and Alaskan bases . In early September 1944 , Dunlap participated in the shelling of Wake Island . In October 1944 , she lent a hand in the bombardment of Marcus Island . By January 1945 , the ship was involved in the shelling of Iwo Jima , Haha @-@ jima , and Chichi @-@ jima . On 3 September 1945 , Commodore John H. Magruder accepted the surrender of the Bonin Islands by Lt. General Yoshio Tachibana on board the destroyer . Dunlap sailed to Norfolk , Virginia , in November 1945 , where she was decommissioned in December 1945 and sold in December 1947 . She received six battle stars for her World War II service .

= = = Fanning = = =

USS Fanning was occupied with sea trials and minor repairs for the first six months of her naval service . In April 1938 , she escorted the light cruiser Philadelphia from Annapolis , Maryland , to the Caribbean with Roosevelt aboard . Fanning sailed to New York for overhaul the following month ; in September she moved on to her new base in San Diego , California . Over the next three years , her duties took her to the east coast and eventually to Hawaii . The ship was at sea when the Japanese struck Pearl Harbor ; she returned the following day . Underway for Tutuila in January 1942 , Fanning encountered a blinding rainstorm and collided with Gridley . Both destroyers suffered bow damage and were forced to return to Pearl Harbor . In April 1942 Fanning became part of Task Force 16 , which supported the Doolittle Raid on the air strike against Tokyo . After the mission , she returned to Pearl Harbor .

For the first nine months of 1943 , Fanning deployed against the Japanese on Guadalcanal , supported an occupation force on the Russell Islands , participated in patrol duty , and assisted in the protection of troops occupying Munda , Solomon Islands . In September , she had an overhaul on the west coast , then finished the year operating off the Aleutian Islands . By January 1944 , Fanning was operating with Task Group 58 @.@ 4 in the Marshall Islands . In March she reported to the Eastern Fleet ( British units , reinforced with Australian , Dutch and French warships ) , participating in strikes against Sabang , Indonesia , the next month . Detached from the Eastern Fleet in May , Fanning sailed to the west coast . In July she left San Diego , escorting the heavy cruiser Baltimore to Alaska with Roosevelt on board . Her next assignment was with Task Group 30 @.@ 2 , shelling Marcus Island in October 1944 to create a diversion and destroy enemy installations . During January 1945 , Fanning took part in the shelling of Iwo Jima , Haha @-@ jima ,

and Chichi @-@ Jima . For the remainder of the war , she was occupied with patrol and escort activities . In September 1945 , she sailed for the United States , and was decommissioned at Norfolk , Virginia , in December 1945 ; she was sold for scrap in 1948 . Fanning received four battle stars for her World War II service .