INTRODUCTION

VICTORY IN THE PACIFIC is a simulation of the strategic naval war in the Pacific in World War II, from the first attack on Pearl Harbor to the decisive Battle of the Philippine Sea in late 1944. Although all the major combat ships in the Japanese and Allied navies are portrayed in the game, and although the game board shows all the Pacific battle areas from Pearl Harbor to Ceylon, this game is only a simple simulation of the war on a strategic level, with most of the tactical details represented by artificial, simple game mechanics. As a result the game is easy, fast and fun to play, but it is not realistic as a normal simulation or wargame.

VICTORY IN THE PACIFIC applies the game system from Avalon Hill's popular WAR AT SEA (which is about the British struggle against the German Fleet in the Atlantic) to the wide seas and enormous fleets of the Pacific. Due to the greater magnitude and scope of the Pacific war, it is larger and more complex than WAR AT SEA, but VICTORY IN THE PACIFIC is still basically an introductory game suited for players who want a simple, easy game. If you feel that this game is too unrealistic or lackluster for your taste, there are many other Avalon Hill games that are more realistic and challenging. If you find this game enjoyable, you may wish to progress to our other introductory games; if, on the other hand, you find VICTORY IN THE PACIFIC far too simple you should try an Intermediate level game. The most advanced games are our Tournament level games—these are great fun, but they can be complex, so you will probably enjoy them most after mastering the tricks and plots of an Intermediate game. Our enclosed catalog lists our games with their ratings. Welcome to the fascinating and fast-growing hobby of simulation gaming!

1. OBJECT

VICTORY IN THE PACIFIC is a two-player game with one player controlling the Imperial Japanese Navy and the other player having the Allied fleets (the United States' Pacific Fleet and Asiatic Fleet, and the British Eastern Fleet). The object of the game is to "control" the thirteen sea areas on the mapboard during the eight turns of the game. Each turn the players get "Points of Control" (hereafter referred to as POC) for the sea areas they "control"; at the end of the game the player with the most accumulated POC wins the game.

The number of POC that a player gets for controlling a sea area is printed on that sea area on the mapboard. There are two POC numbers in each area, one that the Japanese player gets if he controls the sea area, and one that the Allied player gets if the Allies control the sea area; the POC numbers are different for each player and vary from sea area to sea area, because each side's POC number reflects how valuable that particular sea area was to that side's war effort. For example, Indonesia was crucial to the Japanese war effort, so the Japanese player gets three POC for controlling it, while the Allied player would get only one POC there; for the Allies the crucial sea areas are the Hawaiian Islands, U.S. Mandate and Coral Sea—the areas on the vital Hawaii-to-Australia supply line.

To "control" a sea area a player must have a "patrolling" surface ship or a land-based air unit at sea in that area at the end of the turn. Only one player at a time can "control" a given sea area, so if both sides have ships in the same sea area, the units must fight until one (or both) side's units have all retreated or been sunk. The players use their ship counters, land-based air and amphibious units to control sea areas themselves and to prevent the enemy from controlling areas. The players are free to use their units to implement the strategies that were actually tried during the war, or they can try strategies that the actual combatants discarded—never even considered.

2. THE MAPBOARD

2.1 The mapboard portrays the sea areas, major ports and island bases that were the centers of fighting in the Pacific during World War II. The thirteen sea areas are the large blue areas, separated from each other by white lines. Major ports are the eight red circles and areas, and island bases are the fourteen green circles and areas, that are located within these sea areas or along the border between two (or three) sea areas; a port or base is assumed to be part of every sea area that it touches, so Guadalcanal (for example) is part of both the South Pacific Ocean and Coral Sea sea areas.

2.2 Each sea area, major port or island base can be controlled by either side, and each area, base or port can change sides from turn to turn. Counters are placed on each area, base or port with the proper side up to indicate possession. 2.3 The rectangular Control Flag counters are placed on sea areas, one Control Flag per area with the appropriate flag face up to indicate which side controls that sea area that turn.

2.4 The eight large circular counters with anchors on them are Garrison counters that are placed on the eight major ports on the board (colored red, with anchors on or near them). The red circle (the Japanese Army symbol) is turned face up to indicate Japanese control, and the white star is turned face up to indicate Allied control.

2.5 The fourteen small circles are Garrison counters that are placed on the fourteen island bases on the board, with the red circle indicating Japanese control and the white star indicating Allied control.

2.6 Each major port or island base can be used only by the player who controls it that turn. Every port and island base is in operation throughout the game, but only for the side that controls it.

2.7 As a general rule, ships and other units move onto sea areas during turns and return to (friendly) bases or ports between turns.

2.8 The POC TRACK on the board is used to keep track of the players' relative POC accumula-
tions. Each turn, each player totals the POC listed for his side in all the sea areas that controls that turn. The POC totals are subtracted from each other, and the player who gained the most POC that turn gains the difference and moves the POC counters along the POC TRACK to reflect the number of POC he gained over his opponent's turn. If the Allied player gained 10 POC and the Japanese player got 7, the Allied player would gain 3 POC, and he would move the POC counters to show a gain of 3 POC. Japanese gains are shown by moving the markers towards the blue-numbered end. The “POC 10” counter is used on the 10's track for multiples of 10 POC, if either player gets 29 POC ahead (the largest number that can be shown on the track) he can gain no more, and stays there until his opponent starts gaining POC back.

3. THE PLAYING PIECES—

3.1 Ships: The game contains four different sets of large, differently colored playing pieces that represent the capital ships of the four navies that fought in the Pacific: the United States Navy (colored blue), the Japanese Navy (colored red), the British Navy (colored dark green) and the Australian and Dutch Navies (colored light green—the “De Ruyter” is the only Dutch ship in the game). These ships are referred to as “ships” or “surface ships” in these rules (note that the I-Boat is a submarine). The following diagram explains the symbols on the ship counters:

```
<table>
<thead>
<tr>
<th>Name of ship</th>
<th>Turn of arrival</th>
<th>Air strike Factor</th>
<th>Armor Factor</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaga</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>
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(Nationality is indicated by color)

Gunnery Factor—Number of dice the ship rolls when attacking during a “night action”.

Air strike Factor—Number of dice the ship or unit rolls when attacking during a “day action”. Each ship that has an air strike factor is an “aircraft carrier”.

Armor Factor—Number of damage points a ship or unit can take without sinking. (Note: is doubled for ships in port.) Must have more damage points to sink.

Attack Bonus: Add 1 to each die roll when the circled factor attacks.

Turn of Arrival: The turn (1-9) that the piece enters the game. Letters indicate the starting positions of Allied pieces that are on the board turn I.

(F) Pearl Harbor; (W) Hawaiian Islands; (U) U.S. Mandate; (C)—Coral Sea; (A)—Australia; (B)—Bay of Bengal; (P)—Indonesia; (S)—Singapore; (M)—Philippines; (W.Y.Z)—LOCATION UNCERTAIN.

Surface ship counters are printed on both sides. The front side is printed in color, with the ship silhouette printed in black; when the ship is placed in a sea area with this side face up, the ship is patrolling in that sea area. The reverse side of each ship is white, with the ship silhouette printed in the appropriate color; when the ship is placed in a sea area with its white side face up, that ship is raiding and attacking enemy patrollers instead of patrolling.

3.2 Submarines: There are two large counters representing submarines: the Japanese I-Boat, bearing a red circle, and the United States’ F-Boat (“Fleet Boat”) bearing a blue star. Symbol explanation:

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<table>
<thead>
<tr>
<th>Points of Control</th>
<th>Disabled Marker</th>
<th>Damage Marker</th>
<th>Sunk Marker</th>
</tr>
</thead>
<tbody>
<tr>
<td>POC 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

3.3 Air and Ground units: The middle-sized playing pieces are “land-based air units” and “amphibious” units. The Japanese units are yellow and the Allied units are green. The counters:

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<table>
<thead>
<tr>
<th>Name of unit</th>
<th>Turn of arrival</th>
<th>Air unit symbol</th>
<th>Armor Factor</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Marines</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Island base</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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3.4 Control Pieces: The rectangular pieces and circular pieces are placed on the board to show which side controls each sea area, major port and island base.

4. THE ORDER OF APPEARANCE CHARTS—

4.1 The order of appearance charts indicate what ships and units both sides bring into the start of the game, where they must be placed at the start of the game, what sea areas, major ports and island bases both sides control at the start, what ships and units enter the game later during play, and the repair points that are available each turn.

4.2 The Japanese player takes the JAPANESE ORDER OF APPEARANCE and places each playing piece on the square identified for that piece. Then he places control pieces on all the sea areas, ports and bases he controls at the start, which are listed under TURN I on his chart. Then he takes as many as he wishes of his ships listed at YOKOSUKA NAVY YARD on turn I and places them in the PEARL HARBOR RAID rectangle. He then places all his ships in the PEARL HARBOR RAID rectangle in the HAWAIIAN ISLANDS sea area, and places all the rest of his ships and units listed under TURN I on YOKOSUKA NAVY BASE. He then takes as many as he wishes of his ships listed at HAWAIIAN ISLANDS sea area, and places all the rest of his ships and units listed under TURN I on YOKOSUKA NAVY BASE. He is ready to play the game.

4.3 The ships and units that the Allied player has available to start the game are listed on the ALLIED STARTING FORCES chart on the back page of this booklet. The rest of the Allied pieces that arrive on later turns are listed on the ALLIED ORDER OF APPEARANCE chart. The Allied player places all of his ships and units on the squares identified for them on these charts. He places his Control pieces down on the areas, ports and bases listed for Allied control; then he places all his TURN I units and places them on the sea areas, ports and bases listed for them (Groups W, X, Y and Z are left on the STARTING FORCES chart—they enter the game during the first turn). At the start of each turn during the game, both players consult their order of appearance charts and place all their units listed for that turn on the major ports listed for those units. Land and air units that are returning after having been eliminated or used up on previous turns may be placed in any major port under friendly control. Then the players must roll to see if any ships that are listed under REMOVALS for that turn; these ships are out of play for the rest of the game.

4.41 If ships or units are listed as arriving at a port that is controlled by the enemy, the ships or units are lost instead. Exception: “Pearl Harbor” reinforcements may come on at Samoa if Pearl Harbor has been lost.

4.42 Removals: The Allied player must come as close as he can to removing the exact British ships that are listed as removals. If a ship that is listed has been sunk, he must remove another British ship of the same type in its place—a battleship (4-4-4-4-4-4-4-4-4-4) in place of a battleship, or a 0-2-7 carrier in place of a 0-2-7 carrier (the Hermes is not treated as being the same type as 0-2-7 carriers). If all the ships of the listed type are sunk, then the Allied player must remove some other British ship (of his choice) in place of the listed ship. United States, Australian or Dutch ships are never removed, even if he runs out of British ships.

4.5 Amphibious units and land-based air units always come back as reinforcements two turns after they are eliminated. When these units are lost, place them in the RETURNING LAND/AIR UNITS box on the second turn to follow.

4.6 The repair points that are available at each port on each turn are listed on the charts.

4.7 VICTORY IN THE PACIFIC is an eight-turn game. An optional ninth turn is included in the rules and on the charts.
5. SEQUENCE OF PLAY—

In each activity the Japanese player moves (or first), then the Allied player. This reflects the advantage the Allies had in being able to read the Japanese code.

5.1 Both players consult their ORDER OF APPEARANCE charts and place their reinforcements on the board. Any listed REMOVALS are removed from play.

5.2 MOVEMENT SEQUENCE

5.2.1 The Japanese player moves his “patrolling” ships to sea (black silhouette side up), does repairs, and turns his “raiding” ships white side up in port. After moving, he makes a “speed roll” for each “patrolling” ship that moved an extra sea area. After moving, he makes his “patrolling” ships, does repairs, and turns his “raiding” ships white side up in port; after movement he makes his “speed rolls” for Allied “patrollers” that moved an extra area.

5.2.2 Land-based air units are placed one at a time, with the players alternating. The Japanese player places one of his units first, then the Allied player places an Allied unit, and so on, skipping a player once he has moved units.

5.2.3 The Japanese player moves his amphibious units to sea; then the Allied player moves his amphibious units to sea.

5.2.4 The Allied player moves his “raiding” ships from ports to bases and sea areas. After movement he makes “speed rolls” for his “raiding” ships that tried to move an extra sea area. Then the Allied player moves his “raiding” ships from ports and sea and, after movement, makes his “speed rolls” for “raiding” ships.

5.2.5 The player who has a submarine this turn places it on any sea area on the board.

5.3 COMBAT SEQUENCE

5.3.1 The Japanese player selects the next sea area where combat will be fought. Once combat begins in a sea area, it is fought to a finish. No combat is fought in a sea area that moves an extra sea area.

5.3.2 Combat within a sea area is fought in steps 5.32 through 5.36 once for the “day action” and again for the “night action”. Each step is numbered. The results of both sides’ attacks go into effect only after the Allied attacks, so Allied units can return fire before the Japanese attacks take effect.

5.3.3 The players determine whether they are fighting a “day action” or a “night action”. Their decision is in effect only for that round of combat in that sea area. If it is a “night action” the Allied player must announce which of his aircraft carriers (if any) will be firing their gunnery factors.

5.3.4 The Japanese player allocates all his attacking forces for this “action” to their targets, resolves their attacks and places the appropriate “damaged”, “disabled”, and “sunk” markers on targets that were attacked. These markers do not go into effect until the end of that “action”, so the Allied ships and units get to return fire before the Japanese attacks take effect.

5.3.5 The Allied player allocates his attacking forces to his targets, then places the appropriate markers as he goes.

5.3.6 At the end of the “action” all “damaged”, “disabled”, and “sunk” markers go into effect.

5.3.7 If the players are fighting a “day action”, then, in the same round, they follow steps 5.32 through 5.36 once for the “day action”, then repeat them once for the “night action”. Note that ships lost during the “day action” are lost during the “night action”.

5.3.8 Submarine attacks, amphibious landings, and “retreats” do not take place until after the round.

5.4 After each round of combat in a sea area, the following actions may be taken:

5.41 First, a submarine in that sea area may attack, returning to port as soon as it attacks.

5.42 Then either player can retreat from the sea area and the other player can versus (if already pursuing) break off pursuit.

5.43 Finally, non-retreating amphibious units in the sea area can land (Japanese units first).

5.5 Repeat combat rounds (steps 5.32 to 5.43) until only one sea area is left in the game. The victor can air raid and any amphibious units still at sea in the area can land, and then combat moves to the next sea area.

5.6 After the battle that is still at sea is returned to port; it must attack before it is removed.

5.7 END OF THE TURN

5.71 The players place their Control Flags on the sea areas they control and add up the POC they gain for the turn. The POC TRACK is adjusted to show the new POC standing with the new POC added in.

5.72 Any port or base that is surrounded by enemy-controlled sea areas both before and after Control Flags are placed is converted to enemy control. Turn his Garrison counter over to show the new control.

5.73 Any amphibious units still at sea may invade enemy island bases in (touching) their sea areas.

5.74 Each player (starting with the Japanese) returns any of his ships and units that are still in sea areas to friendly ports and bases.

5.75 The players proceed to the next turn and repeat steps 5.1 through 5.7. At the end of the eighth turn, the game is over and the player who is ahead in the POC standings wins the game.

6. MOVEMENT

6.1 When a ship moves, whether it is placed face up or face down depends on when it moves during the turn. (The “Steps” below refer to the TURN SEQUENCE section).

6.1.1 Ships that move to sea during step 5.2 (before air units are placed) are “patrolling” ships, and are placed black silhouette face up.

6.1.2 Ships that move to sea during step 5.5 (after air units are placed) are “raiding” ships and are placed white silhouette face up.

6.2 Each ship’s “speed” is used only for determining “speed rolls” and combat during “speed rolls”.

6.2.1 Both “patrolling” and “raiding” ships and amphibious units always start their “speed roll” to move from a base or port by first moving onto a sea area that touches that base or port.

6.2.2 Ships and amphibious units may then move from that first sea area to an adjacent sea area.

6.2.3 “Patrolling” ships must make a “speed roll” if they move into a second sea area.

6.2.4 Red (Japanese) and Blue (United States) “raiding” ships do not have to make a “speed roll” to enter a second sea area.

6.2.5 “Raiding” ships that move to sea during step 5.5 (after air units are placed) are “raiding” ships and are placed white silhouette face up.

6.2.6 Each ship’s “speed” is used only for making “speed rolls” and combat during “speed rolls”.

6.2.7 Both “patrolling” and “raiding” ships and amphibious units always start their “speed roll” to move from a base or port by first moving onto a sea area that touches that base or port.

6.2.8 “Raiding” ships that move to sea during step 5.5 are “raiding” ships and are placed white silhouette face up.

6.2.9 Ships and amphibious units may then move from that first sea area to an adjacent sea area.

6.2.10 All “patrolling” ships must make a “speed roll” if they move into a second sea area.

6.2.11 Red (Japanese) and Blue (United States) “raiding” ships do not have to make a “speed roll” to enter a second sea area.

6.2.12 Green (British, Australian and Dutch) “raiding” ships do have to make a “speed roll” to enter a second sea area.

6.2.13 Amphibious units do not have to make a “speed roll”, but they must stop in the second sea area they enter.

6.2.14 Japanese and United States “raiding” ships may move from the second sea area into a third sea area. All ships that move three areas must make “speed rolls”.

6.3 A ship or amphibious unit must always stop when it enters an enemy-controlled sea area. It can move no further that turn.

6.4 “SPEED ROLLS”: When a “speed roll” is made for a ship, one die is rolled and the number is compared to that ship’s speed. If the ship’s speed is higher than the die rolls plus speed roll, the ship successfully enters the sea area, if the die roll is equal or higher, then the ship fails the speed roll. Note that speeds of 7 and 8 always pass.

6.5 “Patrolling” ships that fail enter the sea area but are turned white side face up—they are treated like “raiding” ships thereafter.

6.6 “Raiding” ships that fail must immediately return to a friendly port or base (see Section 10).

6.7 All speed rolls are done at the end of each round—“raiding” ships move before any “speed rolls” are made for them, “raiding” ships move before any of them make “speed rolls”.

6.8 Air units do not “move”—they can simply be placed in any sea area that touches any friendly port or base anywhere on the board. Air units are placed on a turn, with the players alternating.

6.9 Japanese player always selects the next sea area where combat will be resolved.

6.10 If he selects an area where only one side has forces, aircraft carriers in that area can air raid and amphibious units can land or invade. If the side has no carriers or amphibious units in the sea area, no combat takes place there.

6.11 If he selects an area containing opposing forces, they fight until only one side is left in the area. Then surviving carriers can air raid.

6.12 Rule 9 explains air raids and rule 13 explains amphibious units.

6.13 The rest of rule 7 explains normal combat between opposing forces in the same sea area.

6.14 Combat procedure: Both sides’ ships and units fire at each other once and then losses are removed; then the survivors fire again and losses are removed again; and so on until one side is gone from the sea area. Each exchange of fire is called a “round of combat” or “battle”.

6.15 There are two types of battle: “day actions” and “night actions”. “Day actions” are long range battles fought by airstrike. “Night actions” are close range gunnery battles, usually fought at night. The type of battle determines which ships and units can attack and which can be attacked that round.

6.16 At the start of each round of combat each player chooses whether he wants a “day action” or a “night action” that round. If the players agree, they fight that type of action. If they disagree, each rolls a 3.

6.17 The player who wants a “day action” adds one to his roll, and the player who currently controls that sea area also adds one to his roll (for a total of 4 if he also wants a day action). The player with the higher result gets the type of action he chose.

6.18 If the result is a tie, the players fight a “day action” followed by a “night action” in the same round. This represents those rare occasions when surface actions took place during the day and night.

6.19 The determination of “day” or “night action” applies only to that round of combat in that sea area. The process is repeated for every round in every sea area. A player can always choose either type of action, regardless of what he has chosen before and regardless of whether he has ships that can attack in that type of action.

6.20 NAMING TARGETS: In an “action”, first the Japanese player names his targets and resolves his attacks, and then the Allied player names his targets and resolves his attacks. The results of both sides’ attacks go into effect only after the Allied attacks, so Allied units can return fire before the Japanese attacks take effect.
7.41 In “DAY ACTIONS”, only aircraft carriers and air units can attack. All ships or units in the sea area can be attacked.

7.42 In “NIGHT ACTIONS”, ships with gunnery factors attack. Aircraft carriers can fire their gunnery factors or not; other ships must attack. Carriers without gunnery factors cannot attack. Each player is limited as to what he can attack during that attack.

7.43 He can attack any ship that is firing its gunnery factor. At the start of the night action, the Allied player must name which Allied carriers will attack or be attacked. Ships and units in ports or bases can be attacked only during air raids.

7.44 Each attacking ship or unit is assigned to one target and executes its whole attack against that target, that is, its attack between different targets. Different attackers can attack different targets, or they can combine against the same target.

7.45 A player resolves his attacks only after all of his attackers have been assigned to targets. Once he starts to resolve combat he cannot change targets, even if he ends up firing at a target that he has already sunk.

8. RESOLVING COMBAT: The attacking player rolls one die for each shot fired by each attacker.

8.2 If a player attacks an enemy ship or amphibious unit, he assigns it the 26’s gunnery factor. Airstrikes do not attack and are ignored.

8.3 A circled gunnery/strike unit attacks an amphibious unit or (ignore the “sunk” marker on it). The attack bonus adds one to each die roll when the circled factor attacks.

8.4 Each ship or unit is assigned to one target and executes its whole attack against that target, that is, its attack between different targets. Different attackers can attack different targets, or they can combine against the same target.

8.5 A player resolves his attacks only after all of his attackers have been assigned to targets. Once he starts to resolve combat he cannot change targets, even if he ends up firing at a target that he has already sunk.

8.6 A ship can pursue only one group per turn. The other player can retreat from the area. See rule 8.

8.7 Japanese amphibious units that have not retreated can land. Allied amphibious units that have not retreated can land. See rule 13.

8.8 Each retreating ship or amphibious unit remains in the sea area until it escapes, is sunk or is disabled. When it escapes or is disabled it must go to a friendly port or base. It does not flee from the area until it is in its original sea area and until it escapes and then goes directly to a port or base.

8.9 Each retreating ship or amphibious unit remains in the sea area until it escapes, is sunk or is disabled. When it escapes or is disabled it must go to a friendly port or base.

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9. PORTS AND BASES

9.1 When combat is done in a sea area, aircraft carries air raid after normal combat ends there. If there is no normal combat in the area, they air raid immediately.

9.2 When combat is done in a sea area, aircraft carries air raid after normal combat ends there. If there is no normal combat in the area, they air raid immediately.

9.3 Only aircraft carriers that are at sea in the area can air raid. Land-based air units cannot conduct air raids.

9.4 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

9.5 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

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9.9 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

9.10 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

9.11 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

9.12 A ship cannot carry only one group per turn. The other player can retreat from the area. See rule 8.

10. PORTS AND BASES

10.1 When a ship or unit returns to port it can go to any friendly island base that touches its sea area or to any major (red) port anywhere on the map. EXCEPTIONS: British ships can return only to (if friendly) Ceylon, Singapore, Saigon or Yokosuka Naval Yard, and United States ships and units cannot return to Ceylon.

10.2 When a raiding ship fires its speed roll it goes to its sea area destination and then instantly returns to port from there.

10.3 When a ship or unit retreats from a port or base being captured by the enemy it goes to any sea area touching that port or base and then returns to port from there.

10.4 If a ship or unit has nowhere to return to it is sunk and removed from play.

11. REPAIRS

11.1 Certain ports have repair points that give them the ability to remove damage points from ships. Each repair point allows the port to remove one point of damage per turn.

11.2 The Japanese player can remove 6 points of damage per turn at Yokosuka Navy Base.
11.2. The Allied player can remove 1 point of damage per turn at Ceylon, and 1 point per turn at Australia.

11.23 The number of damage points that the Allied player can remove at Pearl Harbor varies from 0 on turn 1 to 15 on turn 6 and thereafter.

11.24 Only the original owner of a port can do repair work. A port repair can be made at any time once major port areas have been lost to the enemy.

12. LAND-BASED AIR

12.1 Land-based air units are placed on sea areas after “patrolling” ships have moved but before “air raid” ships have moved.

12.2 The Allied player takes turns placing one air unit down at a time, the Japanese player placing first.

12.3 Air units ignore distance and enemy-controlled sea areas and can be placed on any sea area on the board, except (see next rule).

12.4 A player can place an air unit in a sea area only if he controls a base or port touching that sea area. If he does not control a base or port in the sea area, he may place an air unit there.

12.5 Land-based air units can attack and be attacked normally, but only during “day actions.”

12.6 Land-based air units do not get the “attack bonus” when they attack.

12.7 “Ships” fired at land-based air units do not get the attack bonus even if the attacking air strike is circled.

12.8 Land-based air units are not affected by “diving” attacks as they are not on the water.

12.9 If an air unit is in a sea area without a friendly port or base it must instantly return to port. If an enemy invades its only base it must return to port and stay there, even if the base is later retaken.

12.10 Air units are “sunk” when their damage exceeds or equals their defense factor. They are removed at the end of the action.

12.11 “Sunk” air units are put on the ORDER OF APPEARANCE card and re-enter the game, undamaged, two turns later.

12.12 Land-based air units count for controlling a sea area.

13. AMPHIBIOUS UNITS

13.1 Amphibious units move after air units but before raiding ships. An amphibious unit can move up to two sea areas without making a “speed roll” but it cannot move three sea areas; otherwise it moves like a ship.

13.2 Amphibious units do not attack but they can be attacked. Special: In night actions, they can be attacked only if all friendly ships are also being attacked.

13.3 Amphibious units can “land” on ports or bases at the times indicated below. A unit can land on any enemy base, friendly base or friendly port that touches its sea area. It cannot land on an enemy port.

13.4 When an amphibious unit lands at an enemy base it ‘invades’! A unit cannot land on its own port or between an island and the sea.

13.5 When an amphibious unit lands on an enemy base it is eliminated and the base is captured.

13.6 Repair points can be used only in the port listed and on the turn listed.

13.7 If a player loses a port he cannot use its repair points, if he retakes it he regains its repair capacity until he retakes Samoa or Pearl Harbor.

13.8 A ship can be repaired in a port only if it starts the turn in the port and does not move. A player must state which ship he is repairing when he is moving his ‘patrolling’ ships.

13.9 Repair points can be used only in the port listed and on the turn listed.

13.10 If a player loses a port he cannot use its repair points, if he retakes it he regains its repair capacity until he retakes Samoa or Pearl Harbor.

13.11 The Allied player can remove 1 point of damage from one ship, not more, repair points; if he retakes it he regains its repair capacity until he retakes Samoa or Pearl Harbor.

13.12 The Allied player can remove 1 point of damage from one ship, not more, repair points; if he retakes it he regains its repair capacity until he retakes Samoa or Pearl Harbor.

13.13 At the end of each combat round in a sea area, each amphibious unit in that area can either land or stay at sea. Japanese landings take place before Allied landings.

13.14 At the end of all combat in a sea area (after ‘air raids’) each amphibious unit in that area can either land or stay at sea. Japanese landings take place before Allied landings.

13.15 At the end of the turn all amphibious units still at sea must either land or return to port. Japanese units may control and one of the enemy amphibious units is eliminated instead. The invader is still lost.

13.16 If units on the same side invade a base at the same time, they invade one by one and each invasion is resolved in turn. Example: 3 units invade a base containing one amphibious unit. One invader is lost to eliminate the defending unit, one is lost to convert the base and the third lands safely on the now-friendly base.

13.17 When a base is converted from an amphibious unit it has received two turns later.

13.18 Damage does not affect a unit’s ability to invade.

14. CAPTURING PORTS AND BASES

14.1 A major port can be captured only at the end of a turn. It is captured only if all of the sea areas that touch it were enemy controlled both at the start of the current turn and at the end, after Control Flags were placed.

14.2 Island bases can be captured like ports, or they can be invaded. Special: If an island base is attacked by an amphibious unit, the amphibious unit criminalizes the base at the start of the turn.

14.3 Ships and units in a port or base when captured are immediately removed from the board. The owner still controls the base.

14.4 Returning ships and units may land at a base or port as soon as it has been captured.

15. CONTROLLING SEA AREAS

15.1 The Control Flag in a sea area always shows who controls that area, even if he has no ships or units there.

15.2 If neither side has a Control Flag in a sea area, neither side controls it.

15.3 At the start of play each side controls the areas listed on its chart; neither side controls the Aleutians and North Pacific areas.

15.4 {Step 5.7 in the SEQUENCE OF PLAY} All Control Flags are removed from the board. Each player puts a Control Flag in each sea area where he has a ‘patrolling’ ship or a land-based air unit. He now controls that sea area until the end of the next turn.

15.5 Submarines, raiding ships and amphibious units do not count for controlling a sea area.

15.6 Ships and units in a port or base do not count for controlling a sea area.

15.7 If neither side has a ‘patrolling’ ship or air unit in a sea area, no one controls it.

15.8 Starting at the top of each turn, each time a player puts a Control Flag in a sea area he earns the POC listed in that area for his side.

16. SUBMARINES

16.1 Submarines may attack after a combat round, or if they have not yet attacked, after all other combat.

16.2 Each attacking submarine gets one ‘shot’ with the attack bonus. It may attack any ship or amphibious unit in a sea area. Combat effects take immediate effect.

16.3 Each submarine attacks only once per turn and then immediately returns to base.

17. ALLIED FLEETS

17.1 United States:

17.11 New reinforcements are placed on Pearl Harbor. If Pearl Harbor has been lost they are placed at Samoa instead.

17.12 Ships and units may return to any friendly port or base except Ceylon. One ship or amphibious unit in each sea area where he has a Control Flag in each sea area.

17.13 ‘Raiding’ ships may move three sea areas, making a “speed roll” to enter the third.

17.14 Ships cannot return to any bases, not to any ports except (when friendly) Ceylon, Singapore, Saigon or Yokosuka Navy Yard.

17.15 Ships may only move two areas and must make a speed roll to enter the second.

17.16 Allied ships can return to any friendly port or adjacent base.

17.17 Raiding ships may move only two areas and must make a speed roll to enter the second.

18. THE SURPRISE ATTACK

18.1 On the first turn, play is altered to reflect the effects of the Japanese surprise attacks on Pearl Harbor and Midway. Movement is executed in sequence normally, except:

18.2 The Japanese ships in the Pearl Harbor Raid force are raiders and must move to the Hawaiian Islands. Only the ships and units at Yokosuka Navy Yard may stay.

18.3 The only Allied ships that can move are the five cruisers in Australia, Singapore and the Philippines. All other ships and units are land-based air units and are frozen in place.

18.4 The first sea area where combat is resolved must be the Hawaiian Islands.

18.5 The second sea area where combat is resolved must be Indonesia.

18.6 PEARL HARBOR: Combat starts with a Japanese air raid (two rounds) against the ships and air unit in Pearl Harbor. The two Allied cruisers in the Hawaiian Islands are ignored.

18.7 After the air raid the Japanese player can retreat or stay for more combat. If he retreats now he cannot be pursued.

18.8 Then the Allied player rolls one die for each ‘LOCATION UNCERTAIN’ group. If he rolls a 1, that group is put in the Central Pacific Ocean; if he rolls a 2 or 3, that group is placed in the Hawaiian Islands; if he rolls a 4, 5, or 6 the group is a turn 2 reinforcement—put it in the turn 2 box on the Allied chart. These ships cannot move and are patrollers.

18.9 All surviving Allied ships and air units in Pearl Harbor move to the Hawaiian Islands as patrollers (ships with damage exceeding their
armor factors may not go to sea). These forces cannot move in the same round. If they move in another round, they are under the same restrictions as those in the Hawaiian Islands.

18.24 The Allies can retreat from the sea area. If they retreat now they cannot be pursued.

18.25 If an Allied force is present in the Hawaiian Islands they can attack for two more rounds before they must retreat due to fuel shortages.

18.31 If an Allied fleet is present during an extra round it is a normal round of combat. If no Allied fleet is present, it is an air raid round.

18.32 If the Allies retreat after the first round the Japanese can pursue and carriers that do not pursue can air raid (for one round).

18.33 In any case, after two combat rounds the Japanese must stop pursuing and retreat. The Allies can pursue, if they have not retreated.

18.4 INDONESIA: The Japanese player executes an air raid (two rounds) against the Allied ships and air unit in Indonesia.

18.41 Japanese land-based air units in Indonesia can attack in this air raid.

18.42 Allied ships and units can be attacked, even though they are at sea.

18.43 The Allied ships are not in a port, so they cannot be damaged. "Disabled" results are still considered during the air raid.

18.5 After the air raid, surviving Allied forces fight normal rounds of combat against the Japanese forces in Indonesia.

18.6 When combat is finished in Indonesia, play reverts to normal in all sea areas.

OPTIONAL RULES

Each of the following rules gives an advantage to one side or the other. Players can agree to use these rules to improve the balance of the game, or they can increase the complexity of the game by using rules with offsetting advantages. NOTE: We recommend that you use rule 20, which adds flavor and historical accuracy to the surprise attack on Pearl Harbor.

19. THE 9-TURN GAME

19.1 Although Japanese effectiveness ended historically at the Battle of the Philippine Sea (turn 8), a ninth turn can be added to the game. This adds a number of interesting points to play. Advantages: Japanese (small).

19.2 Kamikaze attacks (turn 9 only).

19.21 Japanese land-based air units must make kamikaze attacks. When they attack, they get the attack bonus, but they are automatically eliminated.

19.22 Japanese aircraft carriers can also make kamikaze attacks. Such attacks are dangerous to the ship. Thus, it is recommended that you use rule 20, which adds flavor and historical accuracy to the surprise attack on Pearl Harbor.

19.3 The Japanese player gets only one extra POC each turn he controls the Japanese Islands, and one extra POC each turn he controls Indonesia.

20. PEARL HARBOR

20.1 This rule modifies the surprise attack on Pearl Harbor that is described in rule 18. Use rule 18 except when contradicted below. Advantage: Allied (medium).

20.2 If the Japanese player can assign no more than ten (10) ships to the PEARL HARBOR RAID force (due to fuel limitations).

20.3 On the first round of the air raid, the Japanese adds one to each shot’s die roll (so the shot already has been made but one gets a total of plus two). This applies only to the first round of the surprise air raid.

20.4 If the 7th Air Force survives the first round of the air raid, it can attack on the second round. The Japanese forces can still air raid the ships in Pearl Harbor normally.

20.5 If the Japanese stay after the air raid, the first extra round of combat is automatically a ‘day action’ with the following special rules.

20.51 The Japanese player names his targets before the LOCATION UNCERTAIN groups are rolled for. He can assign a carrier to a target in any LOCATION UNCERTAIN group by secretly recording the carrier and its target; if the target is not an air raid then it is a normal round of combat. Advantage: Allied (small).

22. DAMAGE CONTROL

Subtract one from each damage die roll made against a British 0.2-7 carrier or against the Taiho or Shiniuno, because of their armored flight decks. Similarly, starting on turn 4 subtract one from each damage die roll made against a U.S. carrier with an air worth of 4, to reflect improved damage control procedures after that time. Advantage: Allied (medium). Example: An attacker gets two hits on the Taiho and rolls "1" and "1" for damage. Each round is reduced by one, so the "1" becomes a 0, and the "1" becomes a 0. The Taiho takes a total of two points of damage.

23. TASK FORCES

23.1 This rule allows the players to recreate the historical practice of dividing forces in the same area up into different Task Forces. Advantage: Japanese (small).

23.2 At the start of each round of combat in a sea area each player in turn (starting with the Japanese) groups his ships and units into Task Forces as he wishes.

23.3 During the round of combat, each Task Force must be either: 1) landing; 2) searching; or 3) hiding. After both players have formed their Task Forces, each player in turn (starting with the Japanese) states which of his Task Forces will do on this round of combat.

23.4 Then each player rolls one die for each enemy Task Force to see if he ships it. SPECIAL: The player who currently controls the sea area adds one to each die roll.

23.5 If the Task Force is landing it is automatically sighted, regardless of the roll.

23.6 If the Task Force is searching, it is sighted on a die roll of 1, 2, 3 or 4.

23.7 If the Task Force is hidden it is sighted on a die roll of 1 or 2.

23.8 Then determine whether this round is a day or night action and proceed normally to the end of the round, except as noted below.

23.9 During day actions, hidden Task Forces cannot attack and only sighted Task Forces can be attacked. A hidden Task Force that is sighted can be attacked but cannot attack, and a searching or landing Task Force that is not sighted can attack without being attacked by the attacker.

23.10 During night actions, any Task Force that is both hidden and unsighted cannot attack and cannot be attacked. Any Task Force that is either searching, landing or sighted can attack and can be attacked.

23.11 During both day and night actions, an amphibious unit can land only if it is in a landing Task Force.
EXAMPLE OF PLAY: This example illustrates one turn's combat in a sea area. It is the Coral Sea, currently controlled by the Japanese player (so he adds 1 to his day/night die rolls there), and the only Japanese port or base there is Guadalcanal. Arrows and numbers indicate attacks and number of "shots," circles indicate attack bonus. All ships are "raiding."

Round 1: Japanese choose "day action," roll a 3, +1 for choosing "day," +1 for control. Allies choose "night action," roll a 6. Result: 6 to 5, "night action."

1. 25 AirFlot Akagi @
   11th A.F. Nachi 2 7 1 4 6
   13th A.F. Yamamoto
   11th A.F. Bataan
   1 Marine
   11th A.F. Bataan

   Nevada 4 3 0 4 3
   Saratoga 4 3 0 4 3
   Bataan 2 0 2 7

   Between Rounds:
   1. 25 AirFlot Akagi @
      11th A.F. Nachi 2 7 1 4 6
      13th A.F. Yamamoto
      11th A.F. Bataan
      1 Marine
      11th A.F. Bataan

      Nevada 4 3 0 4 3
      Saratoga 4 3 0 4 3
      Bataan 2 0 2 7

   Round 2: Japanese choose "night action," roll a 3, +1 for control. Allies choose "day action," roll a 3, +1 for choosing "day." Result: tie, 4 to 4, "day" followed by "night."

Day Action: Saratoga cannot attack by airstrike because its damage equals its armor factor. Results: against 11th A.F. (no attack bonus, no "disabled" results) 1, 4, 5, 6 = 1 hit, damage roll = 3. Against Akagi 3, 6 = 1 hit, damage roll = 2. Against Nachi 2, 6 = 1 hit, damage roll = 1. Combat results take effect.

Night Action: Saratoga will attack. Nevada and Saratoga have gunnery factors of 1 because their damage equals their armor factors. Nevada damaged, has no armor bonus. Results: Against Nevada 6, 6 = 2 hits, damage rolls = 6 (sunk). Against Nachi 2 = miss. Against Akagi 4 = miss.

Between Rounds: The Japanese retreat in two groups. the Nachi at a speed of 6 and the Akagi at a speed of 4. The Allies pursue as shown below. Saratoga is too slow to pursue Nachi, and the land-based air (which still has an attack strength of 2) cannot pursue at all.

Round 3: Allies win "night," both sides miss.

Round 4: Allies win "night," both sides miss. After round 4 the Saratoga stops pursuing. Akagi must keep retreating, and returns to port. Neither ship can join the other battle.

Round 5: Japanese win "night action," roll 6 = hit, damage roll = 2. Now Bataan with a speed of 5, cannot keep up with Nachi, so Nachi escapes to port.

End of Combat: Bataan and Saratoga are "raiding" ships, so they do not count for control, but the 11th A.F. air unit does. The Allies control the Coral Sea.