

## TABLE OF CONTENTS

1.0 INTRODUCTION.....	5
2.0 GAME SCALE.....	6
2.1 Abbreviations Used in the Game.....	6
2.2 Dice Mechanics.....	6
2.3 Suggested Combat Scales.....	6
TABLE 2.3-1 Table Surface.....	6
TABLE 2.3-2 Floor Surface.....	6
2.4 Turn Sequence.....	6
3.0 MOVEMENT / FORMATIONS / TURNING / ACCELERATION.....	7
3.1 Movement.....	7
3.2 Formations.....	7
3.3 Turning.....	7
3.4 Acceleration / Deceleration.....	8
TABLE 3.1-1 Movement Effect Table.....	8
TABLE 3.3-1 Turn Mode Table.....	8
TABLE 3.3-2 Turn Deceleration Table.....	8
TABLE 3.4-1 Acceleration / Deceleration Table.....	8
4.0 SPOTTING.....	8
4.1 Visual Spotting.....	8
4.2 Radar Spotting.....	8
4.3 Target Identification (Opt).....	9
4.4 Smoke.....	9
TABLE 4.1-1 Visual Spotting Table.....	9
TABLE 4.1-2 Visual Spotting Modifiers.....	9
TABLE 4.2-1 Radar Spotting Table.....	10
TABLE 4.2-2 Radar Spotting Modifiers.....	10
TABLE 4.3-1 Target Identification Table (Opt).....	10
5.0 GUNNERY COMBAT.....	10
5.1 Ammo Usage / Tracking (Opt).....	11
5.2 HE Shells.....	11
5.3 Over Concentration.....	12
5.4 Radar / Blind-fire.....	12
6.0 TORPEDO COMBAT.....	12
6.1 Torpedo Reloads (Opt).....	13
7.0 DAMAGE RESOLUTION.....	13
7.1 Port / Starboard Flooding (Opt).....	14
7.2 Area Hit.....	14
7.3 Armor Penetration.....	14
7.31 Over-Penetration (Opt).....	15
7.32 Torpedo Defense Value.....	15
7.4 SDC / FDC Determination.....	15
7.41 Minimum Damage (Opt).....	15
7.5 Damage Effects Determination.....	16
7.51 Damage Effects.....	16
7.52 Flooding / Damage Control (Opt).....	17
7.53 Sinking Time (Opt).....	18
8.0 VICTORY / LOSS DETERMINATION.....	18
9.0 AIRCRAFT RULES.....	18
9.1 Spotter Plane Use.....	18
9.2 Altitude Levels / Aircraft Movement.....	19
9.3 Aircraft Spotting Rules.....	19
9.4 Anti-Aircraft Fire.....	19
9.5 Gunnery Spotting.....	21

<b>10.0 LAND UNITS AND BOMBARDMENT</b> .....	21
10.1 Land Unit Data.....	21
<b>11.0 SHIP UNIT DATA</b> .....	22
<b>12.0 FOG OF WAR</b> .....	23
12.1 Mistaken Target.....	23
12.2 Dummy Counters.....	23
12.3 Duplicate Plotting.....	24
<b>13.0 DESIGNERS NOTES and CREDITS</b> .....	24
 <b>COMBAT TABLES</b> .....	 25 - 32
5.0-1 Range Band Table, 5.0-2 Gun Type Table.....	25
5.0-3 Turret Arc Table, 5.1-1 Ammo Use Table.....	26
5.0-4 Combat Results Table, 5.0-5 FirePower Roll Modifier Table.....	27
5.0-6 FirePower Percent Modifier Table, 6.0-1 Torpedo Arc Table,	
6.0-2 Torpedo Data Table, 6.0-3 Torpedo Attack Table.....	28
6.0-4 Torpedo Attack Roll Modifiers Table, 6.0-5 Torpedo Dud Table,	
7.1-1 Listing Table, 7.2-1 Area Hit Table.....	29
7.3-1 Armor Adjustment Table, 7.4-1 Gunnery Allocation Table,	
7.4-2 Torpedo Damage Allocation Table, 7.5-1 Ship Structural Damage....	30
7.5-2 Land Structural Damage Table, 7.5-3 Floatation Damage Table,	
7.5-4 Fire Effects Table, 7.52-1 Flooding-Damage Control Table.....	31
7.53-1 Sinking Time Table, 8.0-1 Victory / Loss Determination Table.....	32
<b>BEARING / ARC COMPASS and FORMATION DIAGRAMS</b> .....	33
 <b>SCENARIOS</b> .....	 34 – 45
Pacific Theatre:	
Java Sea (Feb 27th, 1942).....	35
Savo Island (Aug 9th, 1942).....	35
Cape Esperance (Oct 11th, 1942).....	36
First Guadalcanal (Nov 13th, 1942).....	36
Second Guadalcanal (Nov 14-15th, 1942).....	37
Tassafaronga (Nov 30th, 1942).....	37
Second Kula Gulf (Jul 6th, 1943).....	38
Suriago Strait (Oct 24-25th, 1944).....	38
Atlantic Theatre:	
River Plate (Dec 13th, 1939).....	39
First Narvik (April 10th, 1940).....	39
Second Narvik (April 13th, 1940).....	40
Dunkirk (May 30th, 1940) [Hypothetical].....	40
Denmark Straits (May 24th, 1941).....	41
Breakout (Aug 13th, 1942) [Hypothetical].....	41
Casablanca (Nov 8th, 1943).....	42
Mediterranean Region:	
Point Stilo (Jul 9th, 1940).....	42
Cape Spartivento (Nov 27th, 1940).....	43
Cape Matapan (Mar 28th, 1941).....	43
Arctic Region:	
Convoy PQ-17 (Jul 5th, 1942) [Hypothetical].....	44
Barents Sea (Dec 31st, 1942).....	44
North Cape (Dec 26th, 1943).....	45
 <b>BIBILOGRAPHY</b> .....	 46