OUICK REFERENCE SHEET

SMALL ARMS RANGE MODIFI	ER B&P 53					M10	BG10	HM10
Range	<4	<8	<12	<16	<20	<24	<28	<32
Muskets, Carbines & Bows	+0	+1	+2	+3	+4	+5	+6	+7
Pistols & Blunderbuss	+1	+3	+4	+5	+6	+7	+8	+9

M10 / BG10 / HM10 is the maximum range Muskets, Buccaneer Guns, and Heavy Muskets will hit on a natural 10.

ACTIONS PER CARD B&P 30

Suit / Order	4 4	♥ 3	♦ 2	1
Inexperienced	1	1	2	2
Trained	1	2	2	3
Veteran	2	2	3	3

TURN SEQUENCE B&P 38

Start phase

- Draw Activation cards (equal to # of units in force).
- Resolve Event cards and then draw replacements if allowed.

Action phase

- ◆ Initiative Step Play Activation Cards to determine initiative.
- ♦ Player with the highest suited card goes first.
- ♦ Highest card # breaks ties (If still tied roll 1d10 to decide).
- ♦ Activation Step:
 - ♦ Player that **won** initiative activates a unit.
 - ♦ Player that **lost** initiative activates a unit.
- Repeat initiative and activation steps above until all units have been activated (Player with fewer units may pass before revealing card in the initiative step).

End phase

- Move ships if they have residual movement.
- ♦ Check for spread of Critical Damage.
- Check the scenario's victory conditions.
- Check for Strike Points and Strike Tests.
- Discard any cards left in hand, if applicable.

FATIGUE B&P 46

- Lose 1 action. Units reduced to 0 actions may take a standard 2+ rally action.
- Unit becomes shaken, must go prone or make a free move action away from the enemy that caused the fatigue. Unit must take additional free move action every time an additional point of fatigue is gained.
- Or fatigue is double the number of models in the unit.
- Unit routs, remaining models are removed from battle.

THINGS TO REMEMBER

- Units not in cover make saving throws with a +1 penalty. 1.4
- Optional Shaken units save against melee hits on 9+
- ♦ Hard cover gives a -1 save bonus to shoot and melee saves if all the models in the unit are in the hard cover.
- Rough terrain / structures cause a -1" movement penalty.
- All structure sections / decks are treated as 4" wide.
- Adjacent structure sections / decks are 0" from each other.

ACTIONS B&P 40 / NPBTL 184

Standard actions	Dedicated actions
♦ Move (4")	◆ Climb (4")
◆ Charge (4")	◆ Fight (Melee attack)
♦ Go prone / Stand	♦ Dismount
♦ Shoot (Ranged attack)	♦ Spike artillery (7+)
♦ Reload	◆ Start fire (10+)
◆ Rally	◆ Repair (7+)
◆ Throw grapples (5+)	♦ Adv. maneuver & Chg. Sail
Assignments (standard action)	Assignments (dedicated action)
◆ Abandon artillery	◆ Crew artillery
♦ Abandon sweeps	◆ Crew sweeps
♦ Abandon sheets & braces	◆ Crew sheets & braces

Dedicated actions must be the first and only action taken on the activation. Assignment & Dedicated actions do not trigger suit activated special rules.

Units may take a maximum of 3 actions per activation.

Free actions do not count towards this limit.

ALLOWED ACTIONS B&P 40 / NPBTL 184

Engaged	Crew sheets & braces
♦ Fight	Min models = ship size x2
♦ Rally	◆ Advanced maneuver
Prone	◆ Change sail setting
♦ Rally	♦ Go prone / stand
♦ Stand	♦ Rally
Shaken	♦ Reload¹
• Rally as a dedicated action	♦ Shoot (with ½ models) ¹
Crew artillery	Crew sweeps
See artillery for min. crew	Min models = ship size x2
♦ Go prone / Stand	♦ Go prone / Stand
◆ Rally	◆ Rally
♦ Reload	♦ Reload¹
◆ Shoot	♦ Shoot (with ½ models) ¹

1 Units assigned to crew sheets & braces or sweeps may shoot or reload if they have double the minimum models required for their crew assignment.

STRIKE TEST B&P 133

Gain pts per scenario rules and 1pt for each condition below.

- For every 25% of starting model count lost.
- Each catastrophic critical damage.
- Deck of flagship occupied by at least one enemy unit.
- At least one ship immobilized, destroyed, or captured.
- Rigging or hull fortitude of flagship halved (round down).

Strike test

- If player has 2 more strike points than opponent, they must make a strike test using the resolve of the commander's unit.
- If the commander has been removed as a casualty, then the strike test is automatically failed.

OUICK REFERENCE SHEET

ARTILLERY RANGE MODIFIER UPDATED ARTILLERY RULES

Range	<4	< 8	<12	< 16	<20	<24	< 28	< 32	< 36	<40
Swivels & Grape	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
Round & Chain	+0	+0	+1	+1	+2	+2	+3	+3	+4	+4

Round shot has unlimited range. Add +1 to the target number for every additional 8" and always hits on a natural 10.

ARTILLERY TYPES

	Base	Natural 10	Initial	Damage	Reload	Minimum	Move
	shoot	always hits?	dice	dice	markers	crew 1	penalty
Swivel gun	6	No	3		2	2	-1"
Light	4	Yes	1	2	4	2	-1"
Medium	4	Yes	1	3	4	3	-2"
Heavy	4	Yes	1	4	4	4	Immobile

¹ Minimum crew requirement to reload. Only 1 model per gun is required to shoot.

CANNON SHOT TYPE

Shot type	Range	Special rules
Round (default)	Unlimited	♦ When targeting rigging, reduce hits by half (round down).
Chain (Must be purchased)	40"	 When targeting non-rigging structures, reduce hits by half (round down). Target gains +2 rigging fortitude if not at the highest sail setting.
Grape (Must be purchased)	40"	 Target units as per small arms; roll initial and damage dice together as a single attack. When targeting rigging, reduce hits by half (round down).

ARC-OF-FIRE B&P 67 & B&P 91

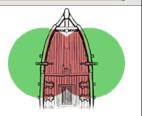
On ship: Width of deck Carridge or Building: 45° Cannon Units & Swivels in a building or fortification

♦ 180° from the opening / swivel mount ♦ All models in the section who can shoot may do so (trace line of sight from the opening).



Swivels on a ship

- Draw clear line of sight from the gun to target. Line may not cross deck of firing ship (may cross ship side rails).
- ♦ Range is measure from closest point of firing deck as normal.



ARTILLERY ATTACKS (ROUND & CHAIN)

Initial hit

- Select target, check line-of-sight, arc-of-fire, and range.
- Select cannon(s) to fire and choose ammunition.
- Roll for initial hit = base shoot + range modifier.
- ♦ Add reload markers (4 for cannon, 2 for swivel guns)

Damage, target is a structure (including a ship)

- ♦ Roll damage dice.
- Target number = target fortitude + range modifier.

Targeting units in the open or normal cover

• Unit takes 1 automatic hit with no save allowed.

ARTILLERY ATTACKS (SWIVEL & GRAPE)

- May only target rigging, units, and units in a structure.
- Roll initial and damage dice together to cause hits.
- Swivel guns may make defensive attacks.

LUCKY AND CRITICAL HITS

Lucky hit

- At least 1 natural 10 on damage roll.
- Roll on the appropriate critical damage table with -1 to dice roll. Maximum of 1 lucky hit roll per shoot test.

Critical hit

- ◆ Hits / (Fortitude x2) after damage applied = No. of critical hits. Example: 4 hits vs Fortitude 2 would cause 1 critical hit.
- For each critical hit roll on the location critical damage table.

EXPLOSIVES B&P 58

Shoot (ranged atttack)

- Range: 5" distance and 5" elevation (can lob over structures).
- Do not require line-of-sight or apply range penalty.
- Does not generate (or limited by) reload markers.
- Throw alongside other small arms, but not defensive attacks.

Misfire chance (dependent on actions spent on shoot attacl)

♦ 2 actions - None. 1 action - 1-2 on 1d10, targets thrower.

SHIP & BOAT QUICK REFERENCE SHEET

SHIP MOVEMENT B&P 82

Each ship must activate 3 times each turn.

- First activation of the controlling player.
- ♦ Last activation of the controlling player.
- Any other activation of the controlling player.

MOVING UNDER SAIL B&P 82

◆ Sail setting + Wind - Rigging damage = Speed

BASIC MANEUVERS B&P 85

Unit action not required.

(activated unit may make other activations as normal)

MOVE FORWARD

Move forward at full current speed.

TURNING

- Turn up to the ships turn value (cannot exceed current speed).
- ◆ Can only turn once per activation, before or after forward movement (cannot move-turn-move or turn-move-turn).
- ◆ Ships with no models on stern deck subtract 1 from the ship's turn value (except when drifting).

ADVANCED MANEUVERS B&P 86

Unit must take an ad	vanced man	euver action.	
♦ Unit special rule	None	Sailors	Expert sailors

•	Target number	7+	5+	4+

BOX HAULING B&P 86

- Ship must start the activation within 45° of the wind.
- The ship moves backwards at current sail setting or 3" (whichever is lower).
- ♦ Move may include turn.
- If test failed, ship is in the winds eye and drifts.
 Apply lucky hit to rigging.

TACKING B&P 86

- ♦ Must start activation within 45° of the wind.
- ◆ The ship must use all available movement or 3" (whichever is lower) to turn towards and continue through the wind.
- ♦ The ship may make addition advanced maneuvers on following activations to continue to tack in the same direction until the ship is no longer within 45° of the wind.
- If test failed, the ship is in the winds eye and drifts. Apply a lucky hit to rigging.

WEARING B&P 86

- Adds +1 to turn value when turning away from the wind.
- The ship cannot turn farther than its current speed setting.
- A ship when is closer than 45° to the wind at the end of the maneuver must apply lucky hit to rigging.
- If test is failed the ship can still turn as normal (no +1)

POINTS OF SAIL B&P 83

- ◆ Large: (Green) 180° arc to the rear.
- ♦ Windward: (Yellow) 45° arcs either side.
- ♦ In the wind's eve: (Red) 90° arc to the front.



CHANGE SAIL SETTING B&P 42

- Action cannot be taken if an enemy unit is on the ship.
- ♦ Change the sail level up or down by one step.
- ◆ Test required to complete, target number the same as advanced maneuver, (See table to the right).

MOVING UNDER SWEEPS B&P 84

- Must be at sail setting 0.
- Unshaken unit in the middlemost deck assigned to sweeps.
- ♦ Ship / boat moves 3 times as normal, up to the value below.
- ♦ Ship / boat may move and turn backwards and forwards.
- ◆ Size 2+ ship moving to windward on in the winds eye causes 1 fatigue to unit manning sweeps.

2 models for every ship deck Move full sweep value 1 model for every ship deck Move half sweep value

EXCEEDING TOP SPEED & MOVING BACKWARDS B&P 84

- Take 1 lucky hit to the rigging for every 1" over ship top speed.
- ◆ The ship model never moves more than its top speed.
- ♦ When moving backwards a ship will never move more than 3"

DRIFTING B&P 84

- ◆ Turn bow away from wind, moving at wind speed +1 (min 1")
- Bow pointing towards the wind, the ship moves backwards.
- Bow pointing away from the wind, the ship moves forwards.
- Drifting occurs at the same times as normal ship movement, with any let over drift movement applied as residual movement.
- If multiple ships are grappled or entangled, the controlling player decides which bow to use for determining drift direction.

UNIT LIMITS ON DECKS B&P 65

- Maximum of 2 units on each deck.
- ◆ Each deck can contain as many models as can be fitted on the deck without overlapping bases (fitting around cannons).
- Treat decks as structure sections for movement and melee.
- Maximum of 2 units can charge into a deck.

RUNNING AGROUND B&P 87

• Roll 1d10 and add the ships draft value.

1-14 No effect

15+ Run aground. 1d5 hull damage and stuck aground.

To free an aground ship

- ♦ Units must take actions to reduce sail setting to 0"
- ◆ Make a repair action. If successful freed ship immediately moves 3" backwards (turns are allowed).

SHIP & BOAT QUICK REFERENCE SHEET

ASSIGNMENTS B&P 42

Crew artillery

- May crew one or more artillery pieces as long as they are cohesive or within the same section / deck.
- Artillery can only be fired or reloaded by the assigned unit.

Crew Sweeps

• See moving under sweeps on reverse page.

Crew sheets and braces NPBTL

◆ The unit may attempt one advanced maneuver as a free action every time the ship / boat moves or may attempt to change sail setting once, before or after any movement as a free action.^{1.4}

TARGETING SHIPS B&P 90

Targeting hull

- ♦ Normal structure rules apply (cannon only).
- ◆ Target a specific deck.
- ♦ Measure closest to closest for range.
- Add fortitude of ship hull as shoot test penalty.
- Chain shot causes half damage to the hull.
- Units on deck take 1 hit for each hit to hull. Most ships hulls provide hard cover to units.

Targeting rigging

- Cannons targeting rigging have min range of 10".
- Measure to corresponding hull section not mast.
- Add fortitude of ship rigging as shoot test penalty.
- Round shot causes half damage to the rigging.
- Units in rigging take 1 hit for each hit to rigging.
- Every 2pts of damage to rigging causes 1 hit to units on deck.
- Swivels and small arms can target rigging, causing 1 damage for every 2 hits. Lucky hits required 2 natural 10s.

Units in rigging do not take hits from rigging damage.

Targeting units on ship

- ◆ Target units with small arms / swivels as normal.
- Ship hulls usually provide hard cover for units.

COLLISIONS B&P 87

Ship

- Ship's hull contacting another. Active player rolls 1d10.
 1-7 No effect (except for possible damage).
 8-10 Ships are fouled.
- ◆ If the active ship's bow caused the collision each ship takes damage equal to the other ship's size -1. If caused critical hits are applied to the ship section involved in the collision.
- A ship causing a collision due to drifting causes no damage.
- If not fouled, struck ship is moved 3" directly away.
- Fouled ships drift as a single structure.

Terrain

- A ship colliding with terrain takes damage equal to its size. If the ship stern or bow collides then the ship has run aground (see running aground above).
 - If the side collides then roll 1d10, on a 6+ it has run aground.
- A ship drifting or moving away collides with terrain then no damage is done, and it does not run aground.

THROWING GRAPPLES B&P 88

- Ship must be within 3" of the target.
- Unit takes standard action, roll 1d10, succeed on 5+

Target is ship

- ◆ Smaller ship moves directly towards larger.
- ◆ If ships the same size, the active ship moves.

 If the above is not possible the other ship moves.

Target is object

- ♦ Ship moves towards fixed object.
- Floating / smaller object moves towards ship.

Movement when grappled

- Grappled ships count as a single structure and drift.
- ◆ Select one ship when determining drift direction. See drifting section overleaf for details.
- Ships grapples to fixed objects do not move.

Releasing grapples

- ♦ Unit on ship that threw grapples spends an action.
- Unit on target ship spends an action to cut grapples.
 Only possible if there are no enemy models on the ship.
- ♦ Active ship moves 3" directly away.

BOARDING ACTIONS B&P 90

- Ships must be touching and fouled or grappled.
- ◆ Unit may charge opposing deck that is within 1"
- Follow all rules for melee in structure.
- ♦ Most ship hulls provide hard cover during melee. (-1 save bonus)
- If all opposing units on a ship are removed, the ship is captured.

BOATS

Targeting boats

- Do not have a separate rigging location, only hull.
- Hull does not provide hard cover to units inside.

Light rigging

♦ No negative effects from exceeding top speed or failing advanced maneuver test.

Grapples

- If the target is a ship or boat, or stationary object, the thrower moves directly towards the target.
- If the target is a floating object, it is pulled towards the boat.
- Boats grappled to ships do not cause drift.
- Boats grappled to boats cause drift as normal.

Collisions in boats

- ♦ Boat to Ship: A boat colliding with a ship has no effect.
- Ship to Boat: If a ship collides with a boat, the boat takes double damage as would normally happen with a ship-to-ship collision.

 The ship completes its full move, then the boat is then pushed 3" directly away from the ship.^{1.4}
 - Units on the boat must roll a 5+ save for every model to avoid being thrown overboard (removed as casualty). The ship is unaffected.
- ♦ Boat to Boat: Resolve as if it was a ship vs ship collision.
- ♦ Boat to stationary object: Boat colliding with stationary objects take damage the same way as ships colliding with terrain.