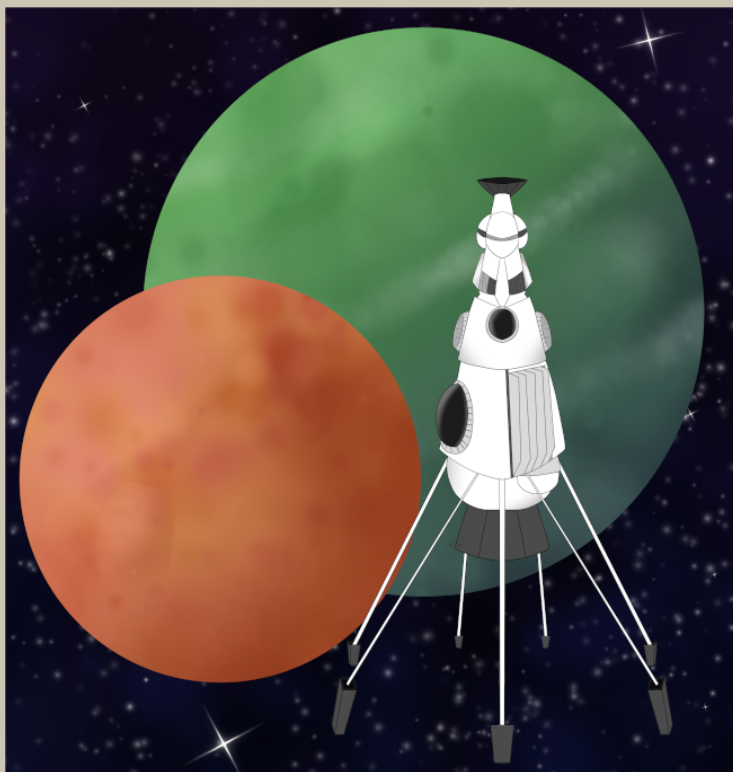


BATTLETECH

OUTWORLDS WASTES



Errata and Changelog

ERRATA

This errata document is current as of 18 October 2024.

VERSION 1.1

This errata applies to version 1.1 of the BattleTech: Outworlds Wastes rules.

FORCE CONSTRUCTION

Clarify rules about infantry bays and superheavy units. Update the first bullet point on p. 10 of the full rules and p. 5 of the quickstart rules to state:

- Commanders have a modified Union class DropShip with 15 configurable bays. Bays may be empty and can be changed to a different configuration. Bay space for all infantry units is shared across bays. Your entire force must fit onto your DropShip. Bay limits are in the table below.

Bay Type	Capacity	Limit
'Mech	1 'Mech or 1/2 superheavy 'Mech	12 bays
Combat Vehicle	2 vehicles or 1 superheavy vehicle	5 bays
Aerospace	1 aerospace unit	2 bays
ProtoMech	5 ProtoMechs	2 bays
Infantry	15 tons or 1 unit over 15 tons	2 bays

DropShip Bay Limits

Support, Advanced Support, and Advanced Aerospace units are not permitted. Illegal designs and units over 200 tons are also not permitted. Units over 100 tons, such as superheavy 'Mechs, require double the bay space as standard units.

Add the requirement that unit skill levels can differ by no more than 3. Update the last bullet point on p. 10 of the full rules and p. 5 of the quickstart rules to state:

- The BV cost of a unit includes the skill level. The initial skill levels for a unit may be no better than Gunnery 3/Piloting 4 and cannot differ by more than 3. Average skill levels for factions and units are given on *BattleTech: Total Warfare* p. 40. ProtoMechs always have Piloting 5 and infantry units without anti-'Mech equipment have Anti-'Mech 5, because these skills are not used for these units.

EVENT FORCE CONSTRUCTION

Update the fourth and fifth bullet point on p. 4 of the Event rules:

- Each force must have at least one Battle Armor unit. If Battle Armor is not available to the faction in the era, then the force must contain at least one non-mechanized conventional infantry unit.
- Each force must have one unit capable of carrying the Battle Armor (or infantry) unit. An OmniMech can carry standard Battle Armor. BattleMechs can carry Battle Armor equipped with magnetic clamps, but receive a -1 MP/-2 inch reduction to their Walking MP (p. 227, TW, p. 39, AS: CE).

Add the requirement that unit skill levels can differ by no more than 3. Update the last bullet point on p. 4 of the Event rules:

- The BV costs of a unit includes all adjustments, to include skill levels, C³, and TAG. Skill levels should generally be close to the average skill levels (see p. 40, TW). A unit may be no better than Gunnery 3/Piloting 4 and no worse than Gunnery 5/Piloting 6. ProtoMechs always have Piloting 5 and infantry units without anti-'Mech equipment have Anti-'Mech 5.

FORCE MAINTENANCE

The paragraph for Salvage had a grammatical error. That paragraph on p. 14 of the full rules, p. 7 of the quickstart rules, and p. 5 of the event rules should read:

Salvage: Recover enemy units that that were *destroyed* in a scenario. Pay 50% the C-bill cost, rounded up, to add salvaged enemy units to your force. A War Crow Prime costs 22,057,358 C-bills, so it costs 11,028,679 C-bills to add a salvaged War Crow Prime to your force. The new unit starts at skill 4/5 and can be *trained*. Alternatively, sell the salvaged unit to earn 25% of the C-bill cost. A salvaged War Crow Prime could be sold to earn 5,514,340 C-bills.

Add the requirement that unit skill levels can differ by no more than 3. Update the Train rule on p. 14 of the full rules, p. 7 of the quickstart rules to say:

Train: Pay 500,000 C-bills multiplied by the difference in BV skill multiplier to improve a unit's skill levels. For example, a Gunnery 4/Piloting 5 pilot has a BV skill multiplier of 1.0 and a 3/4 pilot has a BV skill multiplier of 1.32. Therefore, it costs 160,000 C-bills to train a 4/5 pilot to 3/4. Units cannot be upgraded past 1/2. New units and units that did not participate in the most recent scenario cannot be upgraded past 3/4. Skills cannot differ by more than 3. See *BattleTech: TechManual* p. 315 for the BV skill multiplier table. A unit's skill levels may be degraded at no C-bill cost. ProtoMechs and infantry units without anti-'Mech equipment have Piloting/Anti-'Mech 5.

Update the Train rule on p. 5 of the event rules to say:

Train: Pay 500,000 C-bills multiplied by the difference in BV skill multiplier to improve a unit's skill levels. For example, a Gunnery 4/Piloting 5 pilot has a BV skill multiplier of 1.0 and a 3/4 pilot has a BV skill multiplier of 1.32. Therefore, it costs 160,000 C-bills to train a 4/5 pilot to 3/4. Units cannot be upgraded past 2/3. Skills cannot differ by more than 3. See *BattleTech: TechManual* p. 315 for the BV skill multiplier table. A unit's skill levels may be degraded at no C-bill cost. ProtoMechs and infantry units without anti-'Mech equipment have Piloting/Anti-'Mech 5.

ADVANCED FORCE MAINTENANCE AND IMPROVEMENTS

GRANULAR REPAIR

Add the following optional rule on p. 17 of the full rules:

Granular Repair: Calculate the repair costs based upon the percentage of the internal structure damaged. Armor is still repaired for free. The repair cost for Omni units is still based upon the fielded variant. A 5/6 pilot or crew is still included in the repair cost.

For BattleTech, calculate *repair* costs as 50% of the unit's C-bill cost, multiplied by the percentage of internal sections damaged. For example, if 2 internal sections have structural damage and another section has a through-armor critical hit that caused critical hit damage, pay $3 / 8 = 37.5\%$ of 50% of the C-bill cost of the unit, or 18.75% of the C-bill cost of the unit. It would cost 2,113,173 C-bills to repair a Wolverine WVR-7D damaged in this way, instead of 2,817,564 C-bills per the standard *repair* rules.

For Alpha Strike, calculate *repair* costs as 50% of the unit's C-bill cost, multiplied by the percentage of internal structure bubbles damaged. For example, if a unit has only 1 out of 3 structure bubbles remaining, pay $2 / 3 = 66.7\%$ of 50% of the C-bill cost of the unit, or 33.3% of the C-bill cost of the unit. It would cost 3,756,752 C-bills to repair a Wolverine WVR-7D damaged in this way, instead of 2,817,564 C-bills per the standard *repair* rules.

REARM

Add the following optional rule on p. 17 of the full rules:

Rearm: League organizers may require ammunition to be replenished. *BattleTech: TechManual* provides cost per ton for ammunition. When not purchasing ammunition by the ton, it costs 35,000

C-bills for standard ammo and 175,000 C-bills for specialty ammo to rearm a unit. In Alpha Strike, apply a -1 modifier to damage at all brackets during a scenario if a unit is not rearmed.

Add the following two new optional rules for infantry units on p.17 of the full rules:

Conscripts: Foot infantry may be treated as conscripts. These units have no cost to *recruit* or *replace* and cannot be sold as *salvage*. These units must be *purchased* as normal to be added to a force. Conscripted troops may be no better than Gunnery 4/Anti-'Mech 5 and cannot have Special Pilot Abilities (SPAs). Commanders may have elite infantry who can be higher skill and receive SPAs.

Anti-'Mech Costs: Some infantry units, such as Anti-'Mech jump infantry, can have particularly high C-bill costs. The relatively low BV cost for these units can be exploited to give commanders disproportionate initial C-bills. League organizers may reduce the Anti-'Mech Training and Equipment cost multiplier (see p.282 TM) from 5.0 to 2.0 to mitigate this issue. Commanders multiply the C-bill costs of all units with Anti-'Mech training and equipment by 0.4.

DROPSHIP CUSTOMIZATION - MAINTENANCE

Replace the first paragraph on p. 21 of the full rules with the following paragraphs:

Improve the ability to repair, replace, or refit units in a maintenance category. Also, commanders may fix a limited number of through-armor critical hits or motive system damage without paying the *repair* cost. The maintenance categories are 'Mechs, ground Combat Vehicles, VTOL Combat Vehicles, Aerospace units, and ProtoMechs.

This customization stacks with quirks. A unit that is *Easy to Maintain* on a DropShip with level 1 in maintenance for that unit type is 15% cheaper to *repair* or *replace* while a unit that is *Hard to Maintain* would only be 5% more expensive to *repair* or *replace*.

DROPSHIP CUSTOMIZATION - SUPPORT BAYS

Add the following text at the bottom of p.22 of the full rules:

Support Bays: A vehicle may be used to convert combat vehicle bay space into DropShip customization levels. Using a vehicle in this fashion fills the entire bay. The vehicle must cost at least 500,000 C-bills; if the vehicle costs less, pay the difference to use the vehicle in this way. Only one level of a type may be added by a vehicle and customization cannot exceed level 3. The vehicles may be used in scenarios but do not grant a level of customization if *damaged* or *destroyed* unless *repaired* or *replaced*.

- BattleMech Recovery Vehicles give 1 level of Machine Shop
- Vehicles with at least 6 tons of MASH equipment give 1 level of Medical Bay

CASUAL SCENARIO PRIMARY OBJECTIVES

The following changes fix Alpha Strike compatibility for Casual Scenarios. Update the following items on p. 28 of the full rules and p. 9 of the quickstart rules as follows:

1. **Reconnaissance:** The map contains 15 buildings, 7 of which contain hidden objectives. Place the buildings randomly or each side takes turns placing the buildings. The defender secretly rolls to determine which buildings hold the objectives. Attacking units may search buildings during the End Phase if they are in the target hex (in base to base contact, Alpha Strike) and no enemy units are in the target hex. The search is successful on a 2D6 roll of 7+ for 'Mechs and ground combat vehicles or 5+ for infantry. An attacking unit with an active probe may instead search 1 building within range of its active probe on a 2D6 roll of 6+. The attacker earns 1,000,000 C-bills for each objective they find and the defender earns 1,000,000 C-bills for each objective remaining hidden.

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2. **Supply Raid:** 3-7 supply depots are on the map, near the center. Each supply depot has 1-3 loads of supplies. Any unit with hands or cargo capacity can load supplies from the depot if they are in the same hex as a supply depot (in base to base contact, Alpha Strike) during the End Phase. A 'Mech with hand actuators must declare which hand is holding the supplies. For units with cargo capacity, a friendly infantry unit must load or unload the supplies during the End Phase. Units involved in loading or unloading supplies cannot make weapon or physical attacks during that turn. A 'Mech carrying supplies can't fire arm weapons (BattleTech) or does -2 damage (Alpha Strike). The supplies have negligible weight. There is no movement penalty and jumping units may still jump while carrying supplies. Carrying supplies does not decrease the infantry space in a combat vehicle, but all standard infantry mount and dismount rules still apply. 'Mechs carrying supplies in their hands may drop the supplies at any point during their movement. The supplies are automatically dropped if the carrying 'Mech falls or goes prone. Units with cargo capacity must be unloaded by a friendly infantry unit. Each side cannot retrieve more supplies from the same supply depot until the current supplies from that depot are scored. A unit carrying supplies earns a portion of 7,000,000 C-bills for bringing the supplies to their home edge based upon the total number of loads of supplies available.
 3. **Zone Control:** 3, 5, or 7 key points are distributed on the map. The locations of the key points dramatically changes the gameplay. The basic configuration is 3 key points along the center of the map and 1 key point halfway between the center and each home edge. A side controls a key point if only their units are in or adjacent to the key point (within 2", Alpha Strike). During the End Phase, the side that controls the most key points earns 1,000,000 C-bills. If each side controls the same number of points and controls at least 1 point, then each side earns 500,000 C-bills for that round.
 4. **Base Defense:** 7 buildings are on the defenders side of the map. Each building is medium with a construction factor of 60 (6, Alpha Strike) and 1-3 levels high (1"-3", Alpha Strike), unless the players agree upon a different configuration. The attacker earns 1,000,000 C-bills for each building destroyed and the defender earns 1,000,000 C-bills for each building remaining.
 5. **King of the Hill:** A hex in the center of the map contains a building with valuable files. The building is medium with a construction factor of 60 (6, Alpha Strike), unless the players agree upon a different configuration. The force earns 1,000,000 C-bills for every turn that they have the only infantry units inside of the building at the end of the turn. Commanders may add additional bunkers to the center of the map and split the 1,000,000 C-bills between the number of bunkers.
 6. **Assassination:** A VIP needs to be escorted across the battlefield. The defender selects a medium or heavy 'Mech from the Periphery General or Pirates list. The VIP is a Gunnery 5/ Piloting 4 (Skill 4, Alpha Strike) pilot and half of the adjusted BV/PV of the 'Mech counts against the defender's BV/PV limit. The VIP's 'Mech must cross the map from the defender's home edge to the attacker's home edge. The attacker earns 7,000,000 C-bills if this 'Mech is destroyed or 3,500,000 C-bills if this 'Mech receives crippling damage. The defender 7,000,000 C-bills if this 'Mech does not receive crippling damage or 3,500,000 C-bills if this 'Mech is crippled but not destroyed. The turn limit for this scenario is based upon the terrain and movement profile of the VIP's 'Mech.
 7. **Extraction:** Extract 1-3 hidden infantry teams. For each hidden unit, the attackers select a hex within 4 rows (8", Alpha Strike) of the defenders home edge and more than 4 hexes (8", Alpha Strike) away from the other edges of the map. A unit with at least 1 ton of cargo capacity can pick up the target by being in the same hex as a target during the End Phase. The target is not destroyed if the carrying unit is destroyed. A unit earns a portion of 7,000,000 C-bills by exiting their home edge while carrying a target.
 8. **Recovery:** 4-6 disabled 'Mechs are equally spaced along the map diagonal. A unit of equal or higher weight class can drag a target 'Mech. A friendly unit must be in the same hex (in base to base contact, Alpha Strike) as the target 'Mech during the End Phase to start dragging it. Units without hand actuators must use 1 turn securing the target 'Mech. The dragging unit has a 1/2 reduction in their walking MP and cannot jump. A target 'Mech cannot fire weapons in one arm (BattleTech) or does -1 damage (Alpha Strike). A unit earns a proportion of 7,000,000 C-bills for each 'Mech returned to their home map edge.

VERSION 1.0

This errata applies to version 1.0 of the BattleTech: Outworlds Wastes rules.

ADVANCED FORCE CONSTRUCTION RULES

Add the following paragraph at the end of the section:

League organizers may allow additional adjustments, such as allowing a commander to use two faction lists instead of one faction list and one general list. Any additional adjustments must be available to all commanders.

CASUAL SCENARIO PRIMARY OBJECTIVES

The following changes fix Alpha Strike compatibility for Casual Scenarios. Update the following items on p. 25 of the full rules and p. 9 of the quickstart rules as follows:

2. **Supply Raid:** 3-7 supply depots are on the map, near the center. Each supply depot has 1-3 loads of supplies. Any unit with hands or cargo capacity can load supplies from the depot if they end the Movement Phase in the same hex. Standard cargo loading rules apply. A 'Mech carrying supplies can't fire arm weapons (BattleTech) or does -2 damage (Alpha Strike). A unit carrying supplies earns a portion of 7,000,000 C-bills for bringing the supplies to their home edge. Each side cannot score from the same supply depot twice until they score from every other supply depot.
8. **Recovery:** 4-6 disabled 'Mechs are equally spaced along the map diagonal. A unit of equal or higher weight class can drag a target 'Mech. A friendly unit must be in the same hex as the target 'Mech during the End Phase to start dragging it. Units without hand actuators must use 1 turn securing the target 'Mech. The dragging unit has a 1/2 reduction in their walking MP and cannot jump. A target 'Mech cannot fire weapons in one arm (BattleTech) or does -1 damage (Alpha Strike). A unit earns a proportion of 7,000,000 C-bills for each 'Mech returned to their home map edge.

BATTLEFIELD SUPPORT

The BattleTech: Mercenaries box set updated the Battlefield Support system for BattleTech. Replace the Battlefield Support subsection of the Scenario section with the following text:

By default, *BattleTech: Outworlds Wastes* assumes commanders are using the full rules for combined arms from *BattleTech: Total Warfare* and *Alpha Strike: Commander's Edition*. League organizers may allow Battlefield Support: Strikes rules (p. 75, *BMM* and p.55, *AS: CE*) to provide simplified aerospace and artillery support and off-board artillery rules for Alpha Strike (see p. 151, *AS: CE*). League organizers may also allow Battlefield Support: Assets rules (BattleTech: Mercenaries box set) to provide simplified non-'Mech units, such as combat vehicles and infantry.

BATTLEFIELD SUPPORT: STRIKES AND OFF-BOARD ARTILLERY

Each side for a scenario must agree to use Battlefield Support: Strikes or off-board artillery rules. When using Battlefield Support: Strikes rules, each side receives the same number of Battlefield Support Points (BSP). Consult the Battlefield Support rules in Alpha Strike: Commander's Edition or BattleTech: Mercenaries box set, as appropriate, to help determine the number of BSP and the cost of each support type. Each side may also agree to use any unused BV from force selection to purchase additional BSP, where 1 BSP costs 20 BV. Commanders may increase their BSP by up to half of the BSP limit.

The following additional rules apply when using Battlefield Support: Strikes or off-board artillery.

- The commander's force must have a unit capable of offering the support.

Support Type	Required Unit
Offensive Aerospace Support (BSP)	Attack or fire-support aerospace unit
Defensive Aerospace Support (BSP)	Dogfighter or interceptor aerospace unit
Artillery Support (BSP)	Corresponding artillery unit
Counter-Battery Support (BSP)	Artillery or aerospace unit
Minefield Support (BSP)	Any unit
Off-board Artillery (AS)	Artillery unit
Counter-Battery Fire (AS)	Artillery or aerospace unit

Support Unit Requirements

- The commander must declare which off-map unit in their force is offering support during the scenario before using the off-map support rules. The same unit must be used to provide this type of support for the rest of the scenario, unless this unit is destroyed.
- Commanders declare what Battlefield Support they are using this turn at the start of the Weapon Attack Phase while declaring attacks.
- The first successful use of Defensive Aerospace Support or Counter-Battery Support/Fire damages the attacking unit. The second successful use destroys the attacking unit.

Counter-Battery Support is a new form of Battlefield Support for BattleTech that mirrors the Counter-Battery Fire rule from Alpha Strike.

Counter-Battery Support: Counter-Battery Support costs 14 BSP and can only be used once enemy Artillery Support has been used. The Target Number for Counter-Battery Support is 7. Reduce the Target Number by 1 for each use of enemy Artillery Support where a friendly unit had LOS to the point of impact. Reset the Target Number to 7 if the enemy artillery unit is destroyed by 2 successful Counter-Battery Support attacks.

BATTLEFIELD SUPPORT: ASSETS

Each side for a scenario must agree to use Battlefield Support: Assets rules. Commanders may agree to only use Battlefield Support: Assets rules for some types of units, such as conventional infantry units. Commanders should use the same rules for every unit of the same type in the scenario, BattleTech: Total Warfare or Battlefield Support: Assets.

When converting a unit in a force to an Asset, first compute the Asset skill level by taking the average of the Gunnery and Driving skills, rounding down, and adding 2. Only BV values for skill 5 and skill 6 are provided on the Asset cards, so unit skill levels may be temporarily degraded for a scenario to a higher skill level. Use the BV cost of the Asset at the computed skill level.

For BattleTech: Outworlds Wastes, an Asset is considered *damaged* if the Destroy Check Target Number is reduced to $(\text{base Destroy Check Target Number} + 4) / 2$, rounded down. For example, the Manticore Heavy Tank Asset is considered *damaged* when the Destroy Check Target Number is reduced to $(10 + 4) / 2 = 7$ while the Warrior H-7 Asset is considered *damaged* when the Destroy Check Target Number is reduced to $(5 + 4) / 2 = 4$.

If the BV of the Asset at skill 6 is lower than the BV of the unit at Gunnery 4/Driving 5 under Total Warfare rules, scale the *repair* and *replace* costs to account for the unit being less combat effective. For example, a Manticore Heavy Tank Asset is 420 BV at skill 6, while the Manticore Heavy Tank under Total Warfare rules costs 993 BV. The Manticore Heavy Tank Asset has 42% of the BV, so it only costs 279,196 C-bills to *repair* or 558,392 C-bills to *replace* instead of the 660,100 C-bills to *repair* or 1,320,200 C-bills to *replace* the unit using full Total Warfare rules. Do not apply any modifiers for quirks or DropShip modifications when *repairing* or *replacing* Assets.

SAMPLE SCENARIO LOGISTICS TRACKING

The Sample Scenario Logistics Tracking in the event rules references *Refit*, which is no longer part of the event rules. The following sample tracking sheet should be used instead on p.9 of the event rules.

SAMPLE SCENARIO LOGISTICS TRACKING

Initial Force						
Bay	Unit	Pilot	Gunnery	Piloting	C-bills	BV
1						
2						
3						
4						
Total BV						
Force Management						
Starting C-bills						
Objectives						
Primary Objective						
Secondary Objective						
Training						
Pay 500,000 × BV skill multiplier difference, cannot exceed 2/3						
1						
2						
3						
4						
Maintenance (Replace, Repair, and Recruit)						
Pay 50% cost if destroyed, 25% cost to repair internal damage						
Pay 50% cost per troop killed						
1						
2						
3						
4						
Purchase						
Pay cost to add to TOE						
1						
2						
Salvage						
Pay 50% cost to add to TOE or sell to earn 25% cost						
1						
2						
Sell						
Earn 50% cost						
1						
2						
...						
Final C-bills						
Total C-bills						
Final Force						
Bay	Unit	Pilot	Gunnery	Piloting	C-bills	BV
1						
2						
3						
4						
Total BV (5,000 limit)						

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OUTWORLDS WASTES