ANDROID
NETRUNNER
THE CARD GAME

ERRATA, RULE CLARIFICATIONS, TIMING STRUCTURES, and FREQUENTLY ASKED QUESTIONS v2.1

This document contains card clarification and errata, rule clarifications, timing structures, and frequently asked questions for *Android: Netrunner*. All official play and tournaments will use the most recent version of this document to supplement the most recent *Android: Netrunner* tournament rules and core rulebook. Additions since the last update appear in blue text.

Section 1: Card Errata

This section contains the official errata that have been made on individual cards in *Android: Netrunner*. The most recent printings of the cards have corrected text.

e3 Feedback Implants (�Ⓐ 24)
Should read: "...you may pay 1< to break 1 subroutine on that ice." (Removed "additional".)

Burke Bugs (⌐ 119)
Should read: "...If successful, the Runner trashes 1 installed program."

Pawn (⌐ 2)
Should read: "Whenever you make a successful run while Pawn is hosted on a piece of ice, move Pawn to the piece of ice directly after the current ice hosting Pawn, if able..."

Q-Coherence Chip (⅄ 52)
Should read: "Trash Q-Coherence Chip when an installed program is trashed."

Section 2: Rules Clarifications

This section contains the official rule clarifications and enhancements for *Android: Netrunner*. Used in conjunction with the core set rulebook, these clarifications and enhancements should enable a player to navigate through the most complex situations that can arise while playing the game.

Accessing

When Accessed Abilities
A card with an ability that triggers when the card is accessed does not have to be active in order for the ability to trigger. When resolving such an ability, simply follow the instructions on the card.

Example: The Corporation does not have to rez *Project Junebug* before the Runner accesses it in order to use its ability.

Accessing Archives
When accessing cards in Archives, the Runner turns all cards faceup in Archives before accessing them. Then he or she accesses and resolves individual cards one by one, in any order he wants.

If the Runner uses a replacement effect, then he or she does not turn any facedown cards faceup.

Accessing Multiple Cards from HQ
When the Runner accesses multiple cards from HQ, the cards are accessed one at a time, and do not return to HQ until the Runner is finished accessing.

Accessing Multiple Cards from R&D
The Runner can intersperse accessing cards from R&D with any upgrades installed in the root of R&D. The Runner cannot choose to access the cards in R&D out of order.

Example: The Runner has an *R&D Interface* installed and makes a successful run on R&D. He accesses the top card of R&D, and afterward chooses and accesses an upgrade installed in the root of R&D. The Runner then finishes accessing cards by accessing the second card of R&D.

Scoring and Stealing Agendas
Advancement tokens are removed from an agenda whenever it is scored or stolen.

Terminology

"Additional"
The word "additional" denotes an ability that modifies another ability or a game state. The additional ability is resolved simultaneously with any ability it is modifying, and under the same conditions as that ability.

"All"
The word "all" includes the number zero.

Example: The Corporation plays an *Oversight AI* and rezzes a *Woodcutter*. The Runner encounters the Woodcutter while it has zero subroutines. The Runner is considered to have broken all the subroutines on the Woodcutter, and the ice is trashed.

"Bypass"
When an effect allows the Runner to "bypass" a piece of ice, he or she immediately passes that ice and continues the run. All subroutines (including 0) on the ice bypassed are not broken.

Example: The Runner encounters a piece of ice that she can bypass with *Femme Fatale*. The last piece of ice the Runner encountered was *Chum*, whose subroutine the Runner did not break. The Runner pays to bypass the current piece of ice with Femme Fatale, and takes 3 net damage from Chum's ability, since subroutines on bypassed ice are not broken.

"Hosted"
"Hosted" is always self-referential and refers to cards and tokens hosted on that card, unless otherwise noted. Cards are always hosted faceup, unless otherwise noted.

"Limit 1 console per player."
This restriction refers only to active consoles. A player can have multiple copies of a console, and even different consoles, in his or her deck.

The limit of 1 console per player prevents the Runner from installing a second console, even if the Runner wishes to trash the first.

"If successful..."
Whenever there is an "If successful..." effect tied to the outcome of a run, the run itself must have been successful against the specified server(s), if applicable. If the Runner initiates a run

against the specified server but ends the run on a different server, the "If successful..." effect does not resolve when the run is successful.

*Example: The Runner plays *Legwork* on HQ. During the run, a *Bullfrog* moves the Runner to R&D. Even though the run is successful, the Runner cannot use the "If successful..." effect on Legwork because the run was not successful against HQ.*

If the ability including "If successful..." does not specify a server, then it does not matter if the attacked server is changed during the run, and the ability resolves as normal.

"Normally be Trashed"
Trashing cards that "cannot normally be trashed" only refers to trashing cards that do not have a trash cost.

Installed
Events, operations, and identity cards are never installed.

Uninstalled
Anytime an installed card enters HQ, R&D, Archives, or the Runner's grip, stack, or heap, or is removed from the game, the card has been "uninstalled."

"Using"
Any time an ability is optional, the player resolving the ability is "using" the ability. This includes all paid abilities and all optional conditional abilities (triggered abilities that use the word "may" or "allows").

Actions and Abilities

Triggering Actions and Abilities
A player cannot trigger an action/ability unless he or she is also able to resolve it.

*Example: The Corp cannot play *Archived Memories* if there are no cards in Archives.*

Chain Reactions
If during the resolution of an ability another ability meets its trigger condition, then a "chain reaction" is created. The ability that just met its trigger condition resolves immediately following the active effect on the current ability. If this ability results in another ability meeting its trigger condition, then that ability is also "chained." Resolve all the abilities from the most recent trigger condition before continuing.

*Example: The Corp makes a successful trace against a Runner during a run on a server that has *ChiLo City Grid* installed. The Corp also has a scored *Sentinel Defense Program*. The Runner has a *Spinal Modem* installed, and the successful trace meets the trigger condition for both ChiLo City Grid and Spinal Modem simultaneously. Since it is the Runner's turn, the Spinal Modem resolves before the ChiLo City Grid. As part of the resolution of the Modem, the Runner takes 1 brain damage. This means that the Sentinel Defense Program has met its trigger condition, and so it is a chained reaction that resolves before the ChiLo City Grid.*

Non-Resolvable Abilities
Conditional abilities resolve after meeting their trigger condition. However, if the game state advances past the trigger condition due to simultaneous effects or a chain reaction, then the triggered ability cannot be resolved.

*Example: The Runner hits a *Tollbooth* that she can bypass with *Femme Fatale*. Both cards have the same trigger condition, but because it is the Runner's turn the Femme Fatale resolves first. The ice is bypassed, and since the game state has progressed to a new step of the run, the trigger condition for Tollbooth is no longer valid and the ability to force the Runner to pay credits does not resolve.*

Subroutines
Unless specified otherwise, the Corporation always chooses the effects of a subroutine, when necessary.

*Example: *Ichi 1.0* has "↳Trash 1 program." If this subroutine triggers, then the Corporation chooses and trashes one of the Runner's installed programs.*

Replacement Effects

Replacement effects can only occur once per trigger. A replacement effect uses the word "instead".

Example: *The Runner cannot use two* Bank Jobs *during the same run. When the run is successful, the Runner may either access cards or use the ability of a Bank Job. Using Bank Job replaces accessing cards, so once the Runner triggers one of the Bank Jobs he cannot trigger the other.*

Using Icebreakers

The Runner can boost the strength of his icebreakers outside of an encounter with a piece of ice. However, unless the icebreaker says otherwise, its strength is immediately reset to its previous value.

Breaking Subroutines

The Runner can only break the subroutines on a piece of ice during step 3.1 of a run. If step 3.1 of a run is not reached, such as when bypassing a piece of ice, then no subroutines on that piece of ice are broken.

Prevent/Avoid Effects

Prevent/Avoid effects take priority over conditional abilities that would trigger from whatever is being prevented or avoided, except when a conditional ability uses the word "additional." An "additional" conditional ability occurs simultaneously with the trigger condition and can be prevented/avoided along with the trigger condition.

Installing Multiple Cards

Whenever multiple cards are installed by the same effect, those cards are installed one at a time.

Example: *The Runner uses* Mass Install *to install three programs, including* Scheherazade. *The Runner can install the Scheherazade first, and then host the other two programs on it.*

Advancing Cards

A card is only considered to be advanced when the corp spends 1 click and 1 credit on the action of advancing it. Placing or moving advancement tokens to a card is not the same as advancing it.

Example: The Corporation plays Mushin-no-Shin, *choosing to install an* Oaktown Renovation. *Because the three advancement tokens were placed on the card, however, the Corp does not gain any credits from the ability on Oaktown Renovation.*

Rezzing Cards

The Corporation may rez non-ice cards after the Runner approaches any piece of ice. See step 2 of a run on page 13.

Costs

Memory Cost

For the purposes of card abilities, a program's memory cost is not considered an additional cost.

Example: *The Runner plays a* Test Run *with no free MU. He will have to trash a program to make room for the program being installed, since the memory cost of that program is not ignored as an additional cost.*

Trashing as a Cost

If the cost of a paid ability requires a card to be trashed, then preventing that card from being trashed prevents the cost from being paid and the paid ability does not resolve.

Example: *The Runner trashes* Cortez Chip *and has an installed* Sacrificial Construct. *If the Sacrificial Construct is used to prevent the Cortez Chip from being trashed, then the paid ability on Cortez Chip does not resolve.*

Additional Costs

A player may decline to pay an additional cost, even if he or she is able to do so.

Rez Cost & Play Cost

Rez and play costs are formulas that take into account any effects that modify them. They are not just the printed number on the card.

Other

Installed Cards

Unless otherwise noted, all card abilities that do not specify the state of a card can only affect installed cards.

Example: *The Corporation resolves a subroutine that says "↳The Runner trashes 1 program." The Runner must trash one of his or her installed programs.*

Hosting

The following replaces the rules on hosting that appear in the core set rulebook:

"Hosting" is the result of placing a card, counter, or token on top of a card, creating a relationship between the host card and what is hosted. If a card allows other cards to be hosted on it, those cards must be hosted on the card when they are installed, unless a card says otherwise.

Hosted counters or tokens can be spent without affecting their host. If a trigger cost requires one or more hosted counters or tokens, those counters or tokens are "spent" by being returned to the token bank from the card the ability appears on.

If a host is trashed or uninstalled, all cards, counters, and tokens hosted on it are also trashed. This cannot be prevented. If a host Corp card is derezzed, all cards, counters, and tokens hosted on it remain hosted.

The state of hosting is distinct (but not exclusive from) the state of installing. Most cards are hosted on another card when they are installed. If a card is hosted but not installed, the card is inactive.

Destruction of Servers

The Corp cannot choose to destroy a server when installing cards; at least one card must be installed for other cards in or protecting that server to be trashed.

If there are no cards installed in or protecting a remote server, then the server immediately ceases to exist. If a server ceases to exist during a run, then the run ends after any currently open paid ability windows close. Unless the run has passed step 4.4 of the timing structure of a run, it is not considered to be successful or unsuccessful.

Destruction of Ice

If a piece of ice is destroyed during an approach or encounter with that piece of ice, then the ice is immediately passed and the run continues after any currently open paid ability windows close.

Subtypes

A card has all of its subtypes when it is inactive.

Encountering Ice

When the Runner encounters a piece of ice, he or she must resolve any abilities triggered by the encounter before he or she can trigger paid abilities or break subroutines. See step 3 of a run on page 13.

Recurring Credits

Recurring credits are placed on a card when the card becomes active, and can be used immediately. Recurring credits do not stack; a player replaces recurring credits up to the number listed on the card when his or her turn begins. This occurs at step 1.2 of the turn, before any conditional abilities can be triggered. Recurring credits are only ever replaced up to their current value, not removed.

Search

If a player is searching for a card, he or she must find the card, if able. If a player is unable to fulfill the condition of the search, then nothing happens, but the deck is always reshuffled.

Choosing Multiple Cards

If an ability allows a player to choose multiple cards, all of the cards must be chosen before the effect resolves.

Example: The Runner plays Satellite Uplink. The Runner chooses two cards to expose, and then both are exposed simultaneously.

Revealing Cards

If a Corporation card is not visible to the Runner when it is trashed or discarded, then it is sent to Archives facedown. If a Corporation card is visible to the Runner when it is trashed or discarded, it is sent to Archives faceup.

If a specific card or card type in an inactive state is chosen by a card effect, the Corporation must show that card to the Runner without changing its faceup or facedown status. The Corporation only reveals the card if it was facedown and the effect says he must reveal it.

Negative Strength

Ice and icebreakers can have negative strength.

Card Memory

Whenever a card is uninstalled, there is no memory of its previous state and it is considered to be a new copy of the card.

Infinite Loops

If a mandatory infinite loop is created (a player cannot choose to stop resolving the loop) then the player who is resolving the loop chooses a number. The loop instantaneously resolves that many times, and then ends.

Example: The Runner runs into a rezzed Wormhole. The only other piece of ice that is rezzed is a Wormhole, and so a mandatory infinite loop is created where each the Wormholes' subroutines resolves the other. The Corporation chooses how many times this loop occurs, say 2,157 times, and then the Runner continues the run.

If an optional infinite loop is created (a player can choose to stop resolving the loop) during a run then the Runner must jack out unless another card ability prevents him or her from doing so. If the Runner cannot jack out, then it is the Corp's responsibility to end the loop by letting the Runner continue the run.

Approaching Ice

Ice is always approached according to the position it occupies protecting a server, ranging from the outermost piece of ice to the innermost piece of ice. If there is one piece of ice protecting a server, that piece of ice is both the outermost and the innermost piece of ice. The Runner always starts at the outermost position during a run. After passing a piece of ice, the Runner approaches the next most-innermost position, even if he or she has already approached it, or there is another piece of ice outside of that position which has not yet been approached.

Example: During a run on R&D, the Corporation installs a new piece of ice in the outermost position protecting the server with an Architect. The Runner does not encounter that new piece of ice during this run because he has already passed that position.

Faceup Agendas

Faceup agendas are not rezzed or unrezzed.

Section 2: Card Clarification

This section addresses rules interactions with regard to specific cards. The cards are sorted by set and then card number.

⏻ Core Set

1 Noise
- Cards trashed by Noise's ability are placed facedown in Archives.

2 Demolition Run
- The Runner can trash an agenda accessed with Demolition Run, instead of stealing it.

9 Djinn
- The Runner cannot move other installed programs to Djinn when it is installed.

- When the Runner installs a program, he or she has the choice of installing it directly into his rig or on Djinn. He cannot move programs onto Djinn at a later point.

10 Medium
- Before accessing cards from R&D at step 4.5 of a run, the Runner chooses how many cards he or she wants to access when using Medium.

12 Parasite
- Parasite cannot be hosted on Djinn. A card or counter can only be hosted in one place at a time, and Parasite has the restriction that it must be installed on a piece of ice.

- If a piece of ice hosting Parasite is derezzed, the Parasite continues to collect virus tokens, but the hosting ice has no strength while derezzed and therefore cannot be trashed by Parasite unless it is rezzed again.

13 Wyrm
- The Runner can only use Wyrm to lower the strength of a currently encountered piece of ice, and only if Wyrm is of equal or higher strength than that ice.

18 Account Siphon
- The Runner can choose to not use the ability on Account Siphon when accessing cards, and if so does not take any tags.

- If the Runner ends up running successfully on another server than HQ, the "If successful…" effect on Account Siphon cannot be triggered.

20 Forged Activation Orders
- The Corp cannot rez Akitaro Watanabe in response to a Forged Activation Orders being played. The effect of Forged Activation Orders is immediately resolved unless prevented or avoided.

25 Femme Fatale
- Femme Fatale does not need to match the strength of a piece of ice in order to bypass it.

- The Runner can spend the credit from Cyberfeeder to pay for the bypass ability.

- If Femme Fatale is uninstalled, the Runner cannot bypass the ice chosen by the Femme Fatale when it was installed; the ability is no longer active since the card is no longer active. Even if that copy of Femme Fatale is re-installed, it is treated as a 'new' copy and cannot bypass anything other than the ice chosen when it was just installed.

26 Sneakdoor Beta
- If Sneakdoor Beta is trashed during a run it initiated, the run is still treated as a run on HQ if it is successful.

29 Bank Job
- The Runner can take credits from Bank Job if he or she made a successful run on an empty server.

45 Net Shield
- Net Shield can prevent a single point of net damage each turn. It does not prevent all net damage from a single source.

- Multiple Net Shields cannot prevent more damage.

47 Aesop's Pawnshop
- Aesop's Pawnshop can only trash a single card each turn.

57 Aggressive Secretary
- The programs are trashed at the same time.

- The Corporation cannot choose to trash the same program more than once.

75 Chum
- If the Runner jacks out immediately after encountering a Chum and not breaking its subroutine, the Runner does not take any damage.

- Chum deals its net damage the first time either of the following occur during an encounter with the next piece of ice:
  1) step 3.1 of a run closes and there is an unbroken subroutine on the piece of ice.
  2) step 3.1 of a run was skipped or did not resolve because the encounter/run ends (if 3.1 does not happen, no subroutines can be broken). This applies even if the piece of ice has 0 subroutines.

90 Tollbooth
- If the Runner cannot pay 3⬡ when encountering Tollbooth, then the run ends without the Runner paying any credits.

- The Runner must pay 3⟲ if he or she is able to do so, even by spending temporary credits (such as bad publicity credits).

91 Red Herrings
- If the Runner accesses an agenda from R&D and does not pay the additional cost to steal it, he or she does not reveal it to the Corp.

97 Aggressive Negotiation
- Aggressive Negotiation can be played if the Corp scores an agenda during step 1.1 of his draw phase.

101 Archer
- If the Corp has an overadvanced Braintrust scored and rezzes Archer, forfeiting Braintrust, Archer gains the discounted rez cost.

📡 Genesis Cycle

11 Mandatory Upgrades
- If Mandatory Upgrades is forfeited, the Corp loses the additional click immediately. The Corp cannot choose to spend the additional click before the forfeit, except as part of his last action (at which point it has already been spent, and there is nothing left for the Corp to lose). Each player spends clicks from a pool of available clicks, and does not spend each click individually.

17 TMI
- TMI can be rezzed multiple times while the Runner approaches it. Timing structure of a run 2.3 is a window that allows the approached piece of ice to be rezzed. There is no limit to the number of times a Corp can rez an approached piece of ice if it is derezzed during this window.

24 e3 Feedback Implants
- e3 Feedback Implants triggers itself, so the Runner can break all subroutines on a **bioroid** ice by paying credits after spending a single click.
- If multiple subroutines are broken at the same time, e3 Feedback Implants triggers once for each subroutine.

32 Fetal AI
- The Runner must pay the 2⟲ to steal Fetal AI from Archives.

33 Trick of Light
- Trick of Light can only be used to move advancement tokens from an installed card to another installed card.

34 Sensei
- Sensei only adds a single "End the run." subroutine after all of the other subroutines on the next piece of ice, not a subroutine after each subroutine on the ice.

41 Nerve Agent
- Before accessing cards from HQ at step 4.5 of a run, the Runner chooses how many cards he or she wants to access when using Nerve Agent.

45 Snitch
- If the outermost piece of ice on a server is unrezzed, the Runner can use Snitch to look at it and then decide to jack out before encountering it.
- If the expose effect is prevented, the Runner can still jack out.

48 Dinosaurus
- If there is an icebreaker already installed on Dinosaurus, the Runner can install a different icebreaker onto Dinosaurus, trashing the previously installed icebreaker.
- If the Runner has no free MU but a Dinosaurus that is not currently hosting an icebreaker, he can install an icebreaker on Dinosaurus without trashing a program. Declaring where a program is hosted is part of the install action, and so the memory cost of the program does not need to be taken into account.

49 Personal Workshop
- The Runner may use the first ability on Personal Workshop to host a program or a piece of hardware on it. Cards hosted by this ability are not installed, and therefore are inactive.
- The Runner can pay to remove a power counter from a card hosted on Personal Workshop as a paid ability. A program installed from Personal Workshop follows all the normal install rules; you must trash already installed programs to make room for the new one, if necessary.
- When there are no power counters on a program or a piece of hardware that has a play restriction on it that cannot be met (such as a Parasite with no rezzed ice to be hosted on or a console when there is already a console installed), that program or piece of hardware is trashed instead of being installed.
- If Personal Workshop is uninstalled, all cards hosted on it are trashed and all counters on those cards are removed.

54 Sunset
- When resolving Sunset, the ice must be rearranged in such a way that the Runner knows which pieces of ice moved where. The Corp cannot conceal the rearrangement of the ice.

79 Oversight AI
- Playing Oversight AI does not give Haas-Bioroid: Engineering the Future 1⟲ for an install.
- Oversight AI is treated as a condition counter, and is no longer an operation, while it is active.

- Oversight AI is trashed to the Archives if the host ice is uninstalled.

80 False Lead
- False Lead cannot be forfeited unless the Runner can lose 2 clicks.

- The Corp can forfeit 2 copies of False Lead at 1.1 to force the Runner to lose 4 clicks. The turn advances to the Runner's discard phase after 1.2 resolves and the Runner has no clicks.

81 Disrupter
- Disrupter cannot be used once the Corp has bid during a trace attempt. It must be used when the trace is being initiated, and it prevents the entire trace before re-initiating it with a base trace strength of 0.

83 Andromeda
- When the Runner mulligans with Andromeda, he or she draws another starting hand of 9 cards.

113 Midori
- Midori can only be used at timing structure of a run 2.

- Ice that is swapped is installed, but the install cost of the ice being swapped does not have to be paid.

- If the Runner exposes an ice with Snitch, Midori can still swap the ice unless the Runner jacks out with Snitch.

- Midori must already be rezzed before the run in order to use her on the first piece of ice protecting the server.

- Ice installed with Midori can be rezzed with the Amazon Industrial Zone.

Creation and Control

21 Awakening Center
- Ice hosted on Awakening Center can be rezzed through other card effects, but a rezzed piece of ice cannot be encountered unless it was rezzed by Awakening Center.

- Only one piece of hosted ice on Awakening Center can be encountered per run.

- Ice on Awakening Center are in the server and do not count as ice protecting the server.

34 Scavenge
- The Runner can trash a program as an additional cost, and then reinstall that same program.

- As part of the install action, the Runner can trash installed programs.

54 Same Old Thing
- The Runner cannot use Same Old Thing to play priority events.

Spin Cycle

2 Pawn
- Pawn can move onto a piece of ice hosting another **caïssa**, but other **caïssa** programs cannot move onto a piece of ice hosting Pawn.

- The Runner cannot choose the Pawn that is being trashed as the program to install with Pawn because the trash and install are part of the same effect.

3 Rook
- Rook can only move to another server if there is another piece of ice in the same "row" as the ice Rook is hosted on, counting up from the innermost piece of ice protecting each server.

- Rook cannot be hosted on a piece of ice if it is already hosted on another non-ice card.

21 Bishop
- Bishop only moves from a piece of ice protecting a central server to a piece of ice protecting a remote server, and vice versa.

- Bishop cannot be hosted on a piece of ice if it is already hosted on another non-ice card.

24 Recon
- The Runner can jack out the first time he or she encounters a piece of ice with Recon, even if it was not the outermost piece of ice protecting the server.

25 Copycat
- If a piece of ice is bypassed, Copycat still triggers since the ice is also passed.

27 Eureka!
- You can install the card even if you cannot lower the install cost by 10 credits (the "if able" only refers to the install action).

36 The Cleaners
- The Cleaners adds an additional point of damage to the source of the damage before any damage is prevented.

- The Cleaners can add unpreventable meat damage if the source is also unpreventable.

43 Knight
- Knight cannot move to a piece of ice that is vertically adjacent to the ice that it is hosted on. Knight can move to a piece of ice protecting any other server without restriction.

- Knight cannot be hosted on a piece of ice if it is already hosted on another non-ice card.

52 Accelerated Diagnostics
- Looking at the top 3 cards of R&D does not remove the cards from R&D. The cards are still in R&D and able to be affected by operations played with Accelerated Diagnostics.

- Each operation the Corp looks at can be played in any order. The Corp does not have to play the topmost operation first.

- When the Corp plays an operation, he or she fully resolves it before playing another one or trashing the rest of the cards.

- If any of the 3 cards looked at are no longer in the top 3 positions of R&D (as determined when Accelerated Diagnostics was played), then those cards cannot be played.

- The Corp can only play and look at the top 3 cards (as determined when Accelerated Diagnostic was played). Even if other cards are moved into the top 3, those cards are not eligible to be played/looked at by the Accelerated Diagnostics.

- If one of the operations played shuffles R&D, the remainder of Accelerated Diagnostics' effect is ignored.

54 Sundew
- The credits are gained when the Runner spends a click to initiate an action that does not make a run on the server Sundew is installed in, before the click is resolved.

- If the Runner plays a run event to initiate a run on the server Sundew is installed in, the Corp does not gain 2 credits.

58 Power Shutdown
- The Corp must choose X before trashing cards from R&D.

- The Corp cannot choose a number that is greater than the number of cards in R&D.

61 Keyhole
- The card trashed by Keyhole is trashed faceup.

- If Keyhole is trashed during a run it initiated, the replacement effect is still resolved.

77 RSVP
- The Runner can spend zero credits after the subroutine on RSVP resolves to trash cards or trigger paid abilities.

92 Toshiyuki Sakai
- The card that is swapped with Toshiyuki Sakai is installed.

94 Restoring Face
- The Corp can trash a facedown card, but must reveal it to the Runner. The card is still trashed facedown.

100 Subliminal Messaging
- When adding a facedown Subliminal Messaging in Archives to HQ, the Corp must reveal it to the Runner.

108 Paintbrush
- If the Runner does not make a run during the turn he or she uses Paintbrush, then the condition no longer applies and the ice loses any subtypes gained from Paintbrush.

114 Caprice Nisei
- Caprice Nisei's ability triggers at step 4 of a run.

- If there is no ice protecting the server, Caprice Nisei's ability still triggers if she was rezzed before the run was initiated.

119 NAPD Contract
- If the Runner accesses NAPD Contract from R&D and does not pay the additional cost to steal it, the NAPD Contract is not revealed.

⚕ Honor and Profit

3 Tennin Institute
- The Tennin Institute cannot place advancement tokens on itself, since ID cards are not installed.

- The Tennin Institute can place advancement tokens on Runner cards.

22 Tori Hanzō
- The first net damage can be prevented/avoided before Tori Hanzō's replacement ability resolves.

- If the first instance of net damage is prevented by another effect or replaced with Tori Hanzō's own effect, Tori Hanzō cannot trigger for the remainder of the run.

28 Iain Stirling
- If Iain Stirling has a negative agenda point total, then he has fewer agenda points than a Corp with 0 or more agenda points.

48 Security Testing
- If Security Testing is uninstalled after a server is chosen, its ability cannot replace accessing cards if the first run on the chosen server is successful; the ability is no longer active since the card is no longer active.

53 Overmind

- Overmind is installed, and its MU counts against your memory limit, when it gains power counters.

🌑 Lunar Cycle

9 Taurus

- If the Corp's trace strength is 5 or greater, Taurus trashes a piece of hardware even if the trace was unsuccessful. This also applies to Gemini, Sagittarius, and Virgo.

10 Mother Goddess

- Mother Goddess only gains the subtypes of other ice while it is rezzed.

12 Bad Times

- The Runner can choose which memory to lose (e.g., memory from Deep Red).

17 Nasir Meidan

- Nasir loses any bad publicity credits he has when his ability resolves.

- An ice is considered "just rezzed" for Nasir's ability if it is rezzed at any time during timing structure 2 of a run.

- Abilities which increase the rez cost of ice give Nasir more credits when his ability resolves. Likewise, abilities which reduce the rez cost of ice give Nasir fewer credits.

- Abilities which require the Corp to pay an additional cost to rez ice do not give Nasir more credits when his ability resolves.

21 The Foundry

- The Corp must find a piece of ice searched for, if able.

26 Targeted Marketing

- The Corp can choose to gain 10 credits when the Runner plays a current that trashes Targeted Marketing (if the current was named when Targeted Marketing was played).

48 Crisium Grid

- The run is considered neither successful nor unsuccessful for the purpose of future card abilities, even if Crisium Grid is later trashed. (e.g. Tennin Institute will trigger if the only successful run the Runner made was against a server with a rezzed Crisium Grid).

- Restrictions which require a successful run (e.g. Emergency Shutdown, Data Leak Reversal) cannot be used if the successful run was against a server with a rezzed Crisium Grid.

56 The Supplier

- The Runner cannot use any "when your turn begins" abilities on cards that are installed by The Supplier until his next turn.

58 Order of Sol

- The Runner gains 1 credit even during the resolution of another ability (e.g., paying the cost to play a Sure Gamble with 5 credits in the credit pool).

83 Hostile Infrastructure

- Hostile Infrastructure does not resolve when the Corp trashes his or her cards, even as a result of a Runner ability (e.g. Noise forcing the Corp to trash the top card of R&D).

86 Daily Business Show

- If the Corp has multiple copies of Daily Business Show installed, the abilities stack on top of each other (e.g. two copies result in the Corp drawing 3 cards and adding 2 to the bottom of R&D).

93 Ekomind

- The memory limit from Ekomind is modified by other card abilities (e.g. a Runner with 5 cards in his or her grip and an Akamtasu Mem Chip installed has 6 MU).

95 Leela Patel

- If Leela steals an agenda while accessing multiple cards from HQ, she adds a card to HQ before continuing to access more cards.

103 IT Department

- Once triggered, IT Department results in a constant ability that continually tracks how many power counters are on the card.

- IT Department always gives a piece of ice +1 strength due to the token spent to activate the card ability, even if there are no other counters left on the card or IT Department is no longer installed.

  Example: There are 5 tokens on IT Department. If the Corp spends 1 token, the ice has +5 strength (1 for the initial token + 4 for the token still on IT Department). If the Corp spends another token, now the ice has +8 strength (2 for the initial tokens + 3 for each of the two instances of the ability). If the Corp spent a third token, now the ice has only +9 strength (3 for the initial tokens + 2 for each of the three instances of the ability).

112 Self-Destruct

- Self-Destruct does not count itself as one of the cards trashed in order to establish the trace value.

Order and Chaos

2 Gagarin Deep Space
- The Runner can decline to pay the 1 credit to access a card.

5 Glenn Station
- If Glenn Station is forfeited, any card hosted on it is trashed.

9 Mark Yale
- If the Corp spends an agenda counter for Mark Yale's paid ability, he or she also gains 1 credit from his conditional ability.

13 Wormhole
- The subroutine that resolves is not considered to be on Wormhole (e.g. when the Corp uses Wormhole with cards like Data Raven or Viktor 2.0, the power counters are placed on those cards and not Wormhole).

20 Housekeeping
- If the Runner has 1 card in his or her grip and installs it, Housekeeping has no effect and does not prevent the install. (Only forced trashing through damage can result in a flatline.)

24 The Twins
- The Runner cannot jack out before encountering the ice again.

28 Edward Kim
- If the first operation Edward Kim accesses is in Archives, then he cannot trash another operation with his ability that turn.

32 I've Had Worse
- The Runner trashes all cards from the damage before drawing for I've Had Worse.

- I've Had Worse cannot prevent the Runner from being flatlined if the Runner takes more damage than the number of cards in his or her grip.

33 Itinerant Protesters
- The Corp does not lose the game if he or she has a negative hand size.

40 Eater
- If the Runner access Archives after using Eater, all cards are turned faceup but no individual cards are accessed.

SanSan

5 Enhanced Vision
- The revealed card is no longer revealed during the access phase; it immediately returns to its unrevealed state after the Corp shows the card to the Runner.

43 Turntable
- Agendas switched with Turntable keep any hosted counters or cards on them, but their text is not active.

Section 3: Frequently Asked Questions

This section answers some of the more frequently asked questions that arise while playing *Android: Netrunner*.

If the Runner steals an agenda from Jinteki using the core set *identity*, but has no cards in hand, who wins if the agenda gives the Runner his seventh point?

The Runner wins the game. Whenever a player has 7 or more agenda points in his score area, the game immediately ends. The game ending takes precedence over any conditional ability that triggers when an agenda is stolen.

When a piece of ice allows the Runner to break subroutines on it by spending clicks, does the Runner have to match the strength of the ice before using this ability?

No. The Runner does not have strength, only icebreakers have strength and an icebreaker must match the strength of a piece of ice to interact with it. This ability allows the Runner to break subroutines by spending clicks without using any icebreakers.

If the Corp rezzes an illicit piece of ice during a run, can the Runner spend the bad publicity credit immediately?

No. Bad publicity credits are only gained at the beginning of a run.

Can the Runner use *Datasucker* to reduce the strength of a piece of ice before an ability on that ice triggers when it is encountered (such as a *Tollbooth*)?

No. Tollbooth ends the run unless the Runner pays 3◊ before the Runner has the opportunity to use a paid ability. See step 3 of a run on page 13.

Can the Runner combine multiple effects to make a run, like using both *Sneakdoor Beta* and *Account Siphon*?

No. Using each of those cards is an action, and a player cannot take an action during the resolution of another action.

The rules state that "The Runner cannot jack out while approaching the first piece of ice during a run." Can the Runner jack out after the subroutine on *Cell Portal* resolves and he is approaching the outermost piece of ice protecting the server?

Yes. "The first piece of ice" refers to the first *time* a piece of ice is approached during a run, and not the ice itself. The Runner approaches the ice and has the opportunity to jack out.

There is a *Parasite* with 1 virus counter hosted on a rezzed *Enigma*, and the Runner has an *Ice Carver* installed. If the Runner encounters *Chum*, does not break its subroutine, and then continues the run and encounters Enigma, is the Enigma trashed?

No. Chum's ability is a required conditional effect that creates a constant +2 strength effect. When the Runner encounters the ice, both modifiers (Chum at +2 and Ice Carver at −1) apply at the same time and the strength of Enigma would be 2.

If the Runner takes 4 brain damage from a single source, how many brain damage tokens would he get?

The Runner takes 1 brain damage token for each point of brain damage he suffers, even if it was suffered all at once. The Runner would get 4 tokens to mark the brain damage he has suffered.

Where is an upgrade installed in a remote server?

An upgrade is installed in a remote server in the same position as an agenda or asset. The Runner should not be able to tell what type of card is installed in a remote server by its position. This is different than installing an upgrade in a central server, where it is always installed in the root.

Can the Runner use multiple icebreakers on a single piece of ice?

Yes, although there are few situations where this is beneficial. But the Runner cannot use one icebreaker's strength to allow another icebreaker to interact with the ice.

Does the Corp know what cards the Runner accesses from HQ?

Yes. The Corp should know what cards are accessed and in what order.

Can the Runner trash an accessed card with *Demolition Run* before any 'when accessed' conditional abilities resolve?

No. The card must be accessed before Imp, Demolition Run, or any other similar effect can be used to trash it, just as if the Runner was paying its trash cost.

Can the Runner install a program if he has no more available memory units?

Yes. The Runner can trash any number of already installed programs before installing a new one (and must if there is not enough space for the new program). So if the Runner has no free MU, he can initiate an install action, trash any number of programs to free up MU, and then install the new program.

The Runner chooses an unrezzed Archer as the target of a Forged Activation Orders. Can the Corp choose to rez Archer, but then decline to pay the additional cost of forfeiting the agenda?

No. If the Corp chooses to rez Archer, then as part of this choice he must pay 4◊ and forfeit an agenda. Otherwise, the ice is trashed.

Can the Corp rearrange his installed cards within a single server, to obscure the order that he installed them in?

The Corp must keep the order of his installs clear to the Runner; he cannot rearrange cards in servers however he likes.

If the Runner gains a click with Joshua B. and then trashes the card using Aesop's Pawnshop, would he still take a tag at the end of the turn, considering Joshua B. is no longer active?

Yes. The Runner would still take the tag, even though Joshua B. is no longer active, because "If you do..." is part of the same ability. Once an ability is triggered, it remains active and resolves unless prevented or avoided.

Can the Runner use New Angeles City Hall to avoid the tags from an Account Siphon if they have 0 credits when the ability resolves?

No. The gaining of the credits and the taking of the tags resolves at the same time, so the Runner cannot use those credits to avoid the tags.

If the Corp uses Efficiency Committee for extra clicks, can she then play Shipment from Kaguya and Trick of Light to place/move advancement tokens during that turn?

Yes. Placing or moving advancement tokens on a card is different than advancing it, and Efficiency Committee only stops the Corp from advancing cards.

The Runner does not break a subroutine that specifies "Trash 1 program." Who chooses the program to trash?

The Corp chooses which program to trash. Unless otherwise noted, each player makes the choices required by the effects on his cards.

Can the Runner use the recurring credit on Cyberfeeder to pay for using Femme Fatale's bypass ability or Darwin's gaining counters ability?

Yes. Triggering any ability on an icebreaker is considered to be using it.
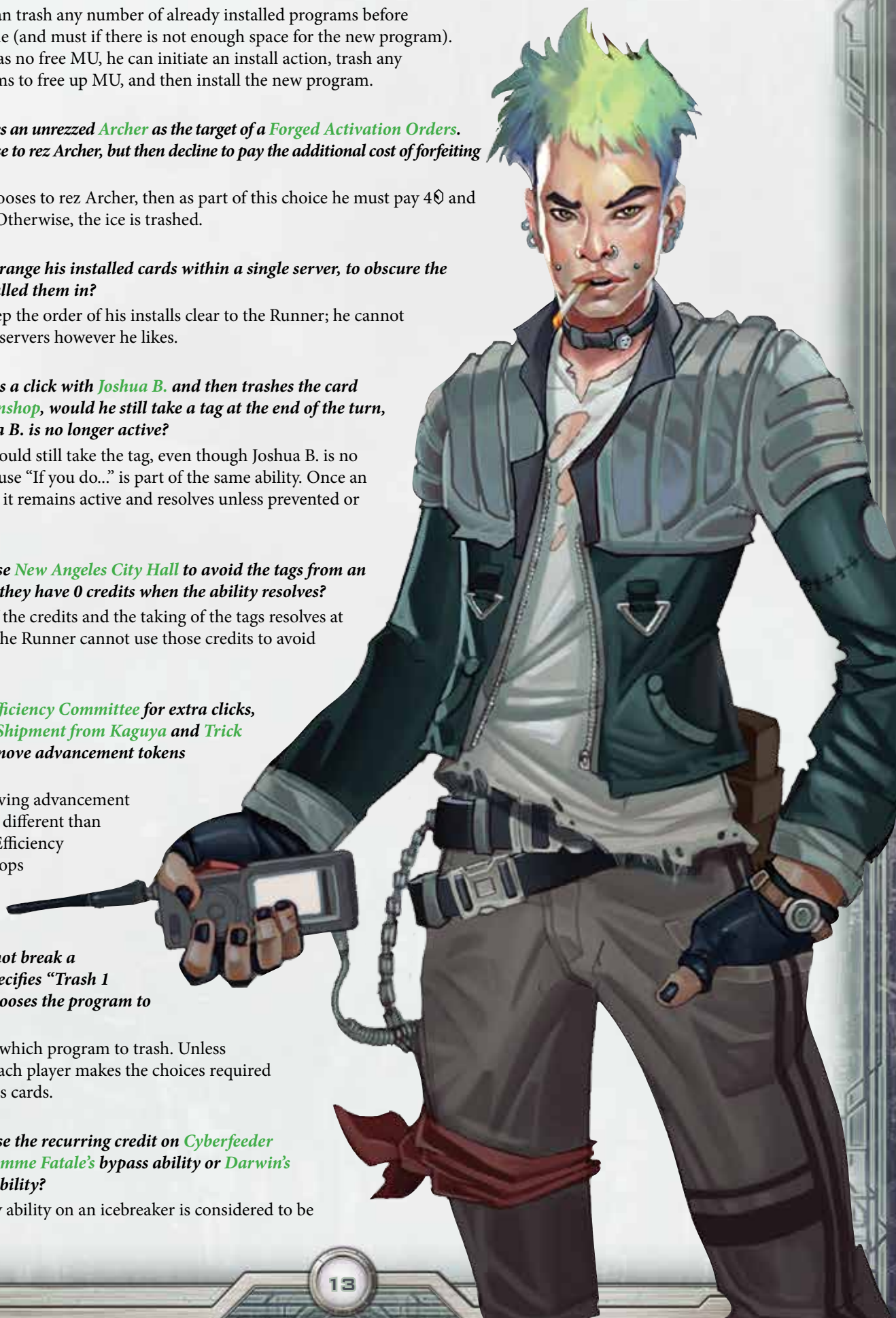
How does Rielle "Kit" Peddler's ability interact with bypassing a piece of ice? Is there any way to bypass a piece of ice and make the next piece of ice a code gate?

There is no way to bypass a piece of ice and then make the next piece of ice a code gate. Rielle "Kit" Peddler makes the first piece of ice encountered a code gate, and this is a constant ability. The Runner encounters any ice bypassed, and cannot choose to resolve the bypass ability before Kit's constant ability, because the constant ability is always active.

If the Runner has installed The Source and plays a Notoriety, does the clause "Add Notoriety to your score area as an agenda" cause The Source to be trashed?

No. Adding Notoriety to the Runner's score area is not the same as scoring or stealing an agenda, and so does not trash The Source.

The Runner encounters Heimdall 1.0 and uses a click to break the first subroutine. If the Corp rezzes a Tyr's Hand and uses its ability to prevent that break, can the Runner spend another click to rebreak the subroutine?

Yes. Tyr's Hand prevents a subroutine from being broken once, but the Runner can break the subroutine again.

If the Runner encounters a Heimdall 2.0 and spends two clicks to break the first two subroutines, and the Corp uses Tyr's Hand to prevent one of them from being broken, can e3 Feedback Implants be used to break that subroutine again?

Yes. Both subroutines are broken at the same time, and so the Runner can respond to the broken subroutine with e3 Feedback Implants.

The Runner encounters Heimdall 2.0 and spends two clicks to break both of the first two subroutines. She then uses e3 Feedback Implants to break the third subroutine, but has that break prevented by Tyr's Hand. Can the Runner use e3 Feedback Implants again, or has the chance to use it now passed?

Yes, the Runner can use the e3 Feedback Implants again.

How does Project Ares interact with Sacrificial Construct? Can the Runner choose to trash a Sacrificial Construct, and then trash that Sacrificial Construct to prevent another card from being trashed by Project Ares?

Yes. All installed cards being trashed by Project Ares are chosen at the same time, and the prevent ability on Sacrificial Construct can be resolved to prevent another card from being trashed.

Can the Runner use Copycat after breaking the subroutine on Paper Wall?

No. Both pieces of ice must be rezzed to use Copycat.

What happens if the Runner has a Blackguard installed and plays a Satellite Uplink?

Both cards are exposed simultaneously, and the Runner chooses the order that the Blackguard triggers resolve in.

The Runner has Blackguard installed and exposes an Archer. Is the Corp forced to rez the Archer?

Blackguard only forces the Corp to pay the rez cost, if able. The Corp does not have to rez the Archer and pay its rez cost because he can decline to pay the additional cost of forfeiting an agenda.

The Corp has two copies of Director Haas installed, one rezzed and one unrezzed. The Corp spends four clicks and then rezzes the second copy. Does the Corp have an additional click to spend?

No. Clicks are tracked as a running total and not individually. The Corp still has 4 clicks to spend on his turn, and he has spent 4 clicks, whether or not the additional click came from a different card.

If the Runner did not break a subroutine on Hudson 1.0 and accesses an installed Toshiyuki Sakai, can he access the swapped-in card?

No. The Runner cannot access the card swapped with Toshiyuki Sakai because it is a new card and he has reached his access limit.

Can the Runner spend credits to boost the strength of an icebreaker, or break a subroutine on a piece of ice, if she is about to encounter a Tollbooth during step 2.3 of a run?

The Runner cannot break subroutines outside of step 3.1 of a run, but he or she can boost the strength of an icebreaker.

The Runner has Security Testing and Aesop's Pawnshop installed. At the start of his turn, the Runner names a server for Security Testing, then sells it to Aesop's Pawnshop. The first time he makes a successful run on that server, does he gain 2 credits instead of accessing cards?

No. A conditional ability can only resolve if the card it is on is active when the trigger condition is met, and Security Testing is no longer active after it is trashed. Security Testing has two conditional abilities on it (like Femme Fatale), unlike Joshua B., who has one.

The Runner uses Femme Fatale to bypass a Komainu for 0 credits. If there is a Chum installed before the Komainu, are the 0 subroutines on Komainu broken, or does the Runner take the 3 net damage?

The subroutines are not broken because the ice was bypassed, and the Runner takes 3 net damage.

If Security Testing is used on HQ and the Runner plays an Account Siphon, can she choose which replacement effect to use?

No. Security Testing triggers at step 4.4 of a run, and replaces the access. Security Testing is also a required ability and the Runner cannot choose to not use it. Account Siphon does not trigger until step 4.5 of the run, at which point Security Testing has already resolved.

If the Runner uses a *Tinkering* on a *Wendigo* with one advancement token on it, is the Wendigo a code gate?

Yes. Gaining and losing subtypes are tracked as a running total, but having the subtype is a binary state. In this scenario the Wendigo had two code gate subtypes and loses one, meaning it is still a code gate.

If the Corp has an active *Enhanced Login Protocol*, does it trigger the ability on a Heinlein Grid?

No. The additional click is spent to initiate the run, and is not spent during the run.

If the Corp uses the ability on *The Foundry* during the resolution of an *Accelerated Beta Test*, what happens?

Each piece of ice is installed and rezzed one at a time. So the Corp installs the first piece of ice and then uses The Foundry to search R&D for another copy. This results in shuffling the other two looked at cards into R&D (they neve actually leave R&D), preventing them from being installed or trashed.

Can the Corp add subroutines to a piece of grail ice in any order (by using other grail ice)?

Yes. The Corp can add subroutines to grail ice before or after any subroutines, including the subroutine printed on the card.

If the Runner has 2 credits and an active *Net Celebrity*, does he have to pay 3 credits (inlcuding the Net Celebrity credit) when encountering a Tollbooth?

Yes. Cards with recurring credits (like Net Celebrity) or temporary credits (like Ghost Runner) have to be used if the requirement to use the credits on the card is met and an effect requires credits to be paid.

If the Runner chooses Archives for *Security Testing*, and the Corp has *Crisium Grid* installed there, can Security Testing be used?

When the Runner makes a run on a server with Crisium Grid, the run is still successful but it is seen as neither successful or unsuccessful for the purposes of card abilities. Security Testing does not see that a successful run occurred. If the Runner trashes the Crisium Grid and then successfully runs Archives for a second time, the Security Testing triggers because it believes the first run was not successful or unsuccessful.

What happens if the Runner uses *Eureka!* to install *Angel Arena*?

If Angel Arena is installed using Eureka!, then the X value the Runner chooses to pay is lowered by 10. So if the Runner paid 0 credits he or she gets 0 power counters, because X was lowered from 10 to 0.

If *Valencia Estevez* is playing against *GRNDL*, how much bad publicity does the Corp start with?

The Corp starts with 1 bad publicity.

If the Runner has a *Hivemind* with 1 virus counter on it and an *Imp* with no virus counters on it, can he use *Virus Breeding Ground* to move 1 virus counter to Imp?

Yes. Imp is considered to have the virus counters on Hivemind on it.

What happens if the Runner steals an agenda worth 3 points, and the Corp plays *Punitive Counterstrike* with *The Board* rezzed? Does the Runner take 2 or 3 meat damage if the trace is successful?

The Runner would take 2 meat damage if the trace is successful, since the 3 point agenda is currently worth 2 points.

Can the Runner use *Incubator* to move all the virus counters on *Hivemind* to another card? If so, does the Runner have to move all the virus counters or can he pick how many to move?

Yes, the Runner can and must move all virus counters from Hivemind to the chosen card when using Incubator.

Does *Pheromones* get a credit on it immediately if installed with a *Grimoire* out?

Pheromones does not get an immediate credit on it with a Grimoire installed. Pheromones becomes active before the conditional ability on Grimoire resolves, and when it becomes active the recurring credits (0) immediately appear. Pheromones still gains the virus token from Grimoire, but the credit for it does not appear until the next turn when recurring credits are replaced.

If the Runner accesses a *Cyberdex Virus Suite* from HQ, does the Cyberdex Virus Suite purge virus counters first or can the Runner use a virus counter on *Imp* to trash it before the purge?

The Cyberdex Virus Suite removes the virus counters from Imp first; you cannot trash a card accessed with Imp until after all of the "when accessed" abilities are resolved.

Does *Blacklist* prevent the Runner from using *Same Old Thing* to play an event from the heap?

Yes. The event must leave the heap when played using Same Old Thing, so while Blacklist is active it prevents the Runner from using Same Old Thing.

Can the Runner use *Sacrificial Construct* to prevent the trashing of a program on *London Library*?

Yes. Programs on London Library are installed, the Library's effect is a conditional ability that resolves at the end of each of the Runner's turns. So Sacrificial Construct will delay the trash, but London Library will attempt to trash it again at the end of the Runner's next turn.

Can the Runner use *Immolation Script* during a run in which *Eater* was used to break a subroutine?

No. Eater stops the Runner from accessing any individual cards, and so there is no access to replace with Immolation Script.

Section 4: Updated Timing Structures

The following pages contain updated timing structures. These timing structures have been created to make the order of the game framework and card abilities easier to understand. Each line is its own period of time, and anything on the same line of text can be triggered in any order. Updated from the first printing of the rulebook is the addition of step 2.1 under Timing Structure of Turns, clarification that the Corporation can only rez ice at a specific time, restructuring of step 2 under Timing Structure of a Run to allow for the Corporation to rez a card when the Runner is approaching a rezzed piece of ice, and smaller changes to improve the charts' readability.

TIMING STRUCTURE OF TURNS

↻ = **Paid abilities can be triggered**   ✸ = **Non-ice cards can be rezzed**   ▦ = **Agendas can be scored**

1.   **Corporation's Draw Phase**

   1.1 ↻ ✸ ▦

   1.2 Turn begins (*"When your turn begins" conditionals meet their trigger conditions*)

   1.3 Draw one card

2.   **Corporation's Action Phase**

   2.1 ↻ ✸ ▦

   2.2 Take actions

      • After each action: ↻ ✸ ▦

3.   **Corporation's Discard Phase**

   3.1 Discard down to maximum hand size

   3.2 ↻ ✸

   3.3 End of turn

1.   **Runner's Action Phase**

   1.1 ↻ ✸

   1.2 Turn begins *("When your turn begins" conditionals meet their trigger conditions)*

   1.3 Take actions

      • After each action: ↻ ✸

2.   **Runner's Discard Phase**

   2.1 Discard down to maximum hand size

   2.2 ↻ ✸

   2.3 End of turn

TIMING STRUCTURE OF A RUN

↻ = Paid abilities can be triggered   ✸ = Non-ice cards can be rezzed

1. The Runner initiates a **RUN** and declares the **ATTACKED SERVER**.

    • If the attacked server has one or more pieces of ice protecting it, go to [2]. If the attacked server does not have ice protecting it, go to [4].

2. The Runner **APPROACHES** the outermost piece of ice not already approached on the attacked server.

    2.1 ↻

    2.2 The Runner decides whether to continue the run.

    ...Either the Runner **JACKS OUT**: go to [6] *(cannot jack out if this is the first ice approached this run)*

    ...Or the Runner continues the run: go to [2.3]

    2.3 Approached ice can be rezzed, ↻ ✸

    2.4 Players check to see if the approached ice is rezzed.

    • If the approached ice is **REZZED**, go to [3]. If the approached ice is **UNREZZED**, the Runner **PASSES** it: go to [2] if there is another piece of ice protecting the server, go to [4] if there is not another piece of ice protecting the server.

3. The Runner **ENCOUNTERS** a piece of ice. *('When encountered' conditionals meet their trigger conditions)*

    3.1 Icebreakers can interact with the encountered ice, ↻

    3.2 Resolve all subroutines not broken on the encountered ice.

    ...Either the run ends: go to [6]

    ...Or the run continues: if there is another piece of ice protecting the server, go to [2]; if there is not another piece of ice protecting the server, go to [4].

4. The Runner **APPROACHES** the attacked server.

    4.1 ↻

    4.2 The Runner decides whether to continue the run.

    ...Either the Runner **JACKS OUT**: go to [6]

    ...Or the Runner continues the run: go to [4.3].

    4.3 ↻ ✸

    4.4 The run is considered to be **SUCCESSFUL**. *('When successful' conditionals meet their trigger conditions)*

    4.5 Access cards, then go to [5].

    • If an **AGENDA** is accessed, the Runner **STEALS** it. If a card with a **TRASH COST** is accessed, the Runner may pay its trash cost to **TRASH** it.

    • All accessed cards not stolen or trashed are returned to the server in their previous states.

5. The run ends.

6. The run ends and is considered to be **UNSUCCESSFUL**. *('When unsuccessful' conditionals meet their trigger conditions)*