Seer Verified Markets on Ethereum Policy

Purpose

This curated registry of Seer verified markets has the following purpose:

> **Provide the community with a reliable registry of Seer markets on Ethereum mainnet that their users can safely interact with.**

The conditions to be verified are stricter than the conditions for a market to be valid according to Seer's Markets Resolution Policy.

General Rules

Elements required for submission

A submission into the list must consist of:

Field Name	Description	Example
Market address	The Seer market's blockchain address, which must be on Ethereum Mainnet and follow the format "**0x…**".	0x1A25Adf652A8C0e5dEB9Cff6DcC712F77bCBb205
Market Images	JSON file with the URLs of the images in PNG or JPG format used to represent the market and its outcomes. The image of the "Invalid result" outcome is not mandatory.	{"market":"/ipfs/QmPBnUtsPHkEJTo5jZkwZNAeRgprrLPRyBxmkT2er6XNb8/seer_0xDC0D06D67e3f58375BEbF804ED054CC148B3a551_0.png","outcomes":["/ipfs/QmZdN1YPqEbr2xJwpsFrVevnUgxPcaHXh1ekih8QdipMbE/seer_0xDC0D06D67e3f58375BEbF804ED054CC148B3a551_1.png","/ipfs/QmeiSWiJjUqy4yGB34PQxFwCULoEqNQxq2K3bpdRDWQ79P/seer_0xDC0D06D67e3f58375BEbF804ED054CC148B3a551_2.png"]}

General acceptance criteria

- The submitted address must correspond to a Seer market on Ethereum Mainnet and follow the format "**0x…**".

> *Accept: 0x76de4ee0269048fe7adcd16430416658a6d22c52*

- The market's images must have a **1:1 (square)** aspect ratio, be in **PNG, JPEG or JPG** format, and, if they have a background, the background must be **transparent**.

Accept: *Accept:*   *Reject:*   *Reject:*

- The market must not be expected to resolve as "invalid" according to **Seer's market resolution policy**.

> *Reject: Who will be the president of the United States in 6 months? (in 6 months depends on the current time).*

- The market must be **clear of ambiguity** and **misleading terms**.

> *Reject: "Will NASA's Artemis II spacecraft land on the moon by the end of 2026?" (The correct mission is Artemis III. Artemis II's mission is not intended to land on the moon)*
> *Reject: "To which price will BTC be the closest by 2025-01-01?" with answers "0", "10000" and "100000" (The specific currency has not been specified.")*
> *Reject: a market titled 'Who will win the 2024 US Presidential Election?' where the image representing Joe Biden is a picture of Donald Trump, and the image representing Donald Trump is a picture of Joe Biden.*

- The market must be in **English**.

- The market, including its images and outcomes, must not contain **offensive content**.

> *Reject: "Will The Donald kick Sleepy Joe's ass in the 2024 US presidential election?".*

- When written entirely in numbers, dates must adhere to the **YYYY-MM-DD**. format. If the date is written in letters, the month and year must be spelled out in full.

> *Accept:* *"Will Vitalik tweet about Seer by 2024-12-31?".*
> *Accept:* *"Will Vitalik tweet about Seer by July 5, 2024?".*

- The market's question can contain additional information and rules, however it must be no longer than **700 characters**, including spaces, and its outcomes must be no longer than **80 characters** per each outcome, including spaces.

- When using **decimal and thousand separators**, the symbol '**.**' must be used for the decimal separator, and the symbol '**,**' must be used for the thousand separators.

> *Accept:* *"Will the population of Japan exceed 200,000,000 people by the end of 2030?"*

- Each **outcome token name** must be **11 characters** or fewer, directly relate to the corresponding outcome, consist only of commonly used characters, use uppercase letters, and avoid offensive content.

> *Accept:* *HARRIS_2024 or HARRIS24 for an outcome predicting Kamala Harris win in the 2024 U.S. Presidential election.*

Detailed Rules

In the event of any inconsistency or conflict between the provisions of the General Rules and those of the Detailed Rules, the terms of the Detailed Rules must prevail.

Definitions

- **Contingent Market:** a prediction market that redeems for a specific outcome token of another existing underlying market.
  Factory Contract: Seer's factory smart contract for creating and deploying prediction market contracts.
- **Market:** Refers not only to the prediction market's question but also to its predefined outcomes, associated tokens, and all other market specifications.
- **Market Resolution:** The act of answering the market's question in Reality.eth.
- **Market Specifications**: The specific elements of the market, such as the main question, the market type, the opening date, the images, the outcomes and the tokens representing them.
- **Minimum Bond:** bond below which the initial answer to a question cannot be submitted in Reality.eth.

- **Offensive Content:** Content that is defamatory, obscene, pornographic, gratuitously violent or otherwise clearly offensive.
- **Opening Date**: The moment when the market becomes available for resolution.

Acceptance criteria

All the following criteria must be met for a market to be accepted in this registry:

1. **Market address:** The submitted address must correspond to a Seer market's blockchain address on Ethereum Mainnet and follow the format "**0x…**".

> *Accept: 0x1A25Adf652A8C0e5dEB9Cff6DcC712F77bCBb205*
> *Reject*:
> *https://seer-pm.netlify.app/?#/markets/100/0x1A25Adf652A8C0e5dEB9Cff6DcC712F77bCBb205/*

2. **Market images:**
   a. Market images must have a 1:1 (square) aspect ratio.
   b. Market images must be in PNG, JPEG or JPG format.
   c. The market's main image must relate to the topic of the market, and the outcome images must relate to the specific outcome they represent.
   d. If the image representing a market or outcome contains a background, the background must be transparent. Otherwise, transparency is not required. For the purpose of this rule, "background" refers to any digitally created colored (including black or white) backdrop in an image—whether solid, gradient, or patterned—that is not integral to the image's subject, object, or scene.

Accept: <image> (square ratio)   *Reject*: <image> (No square ratio)

Accept: <image>   (has a background and it is transparent)   *Reject*: <image> (has a solid blue background and it is not transparent)

Accept: <image> (transparency is not required, backdrop is integral to the image's scene)

3. **Offensive content:** The market must not have offensive content, unless the nature of the market involves the use of offensive content and it is addressed in a limited

and respectful manner.

> *Accept*: *"Will a third installment of the "Kick-Ass" franchise premiere on streaming platforms or in theaters before the end of 2025?"*
> *Accept*: *the market with a question "Will a second installment of 'American Beauty' be released before the end of 2025?" with an image of the official poster of the movie that depicts a nude woman covered in red roses.*
> *Reject*: *"Will The Donald kick Sleepy Joe's ass in the 2024 US presidential election?".*

4. **Clarity:** The market must be clear of ambiguity and misleading terms. Markets which could be valid under the Seer's Market Resolution Policy must be rejected if they are not sufficiently clear. Examples of unclear or ambiguous markets include, but are not limited to, the following:

   a. Markets that have spelling or grammatical errors. Local spellings and neologisms are not to be considered spelling errors.

   > *Accept*: *"Will the ETH **flippening** occur before January 1, 2027?" (flippening is a neologism in the crypto space and refers to the specific event where ETH surpasses Bitcoin in market capitalization).*
   > *Reject*: *"Will Donald Tr**e**ump win the US presidential election?" (Tr**e**ump is a misspelling of Trump).*

   b. Markets that make wrong assumptions.

   > *Reject*: *"Will president Kim Jong-un publicly announce a direct military action against the US?" (Kim Jong-un is the supreme leader of North Korea but the official president of North Korea is Kim Il-sung despite him being dead).*
   > *Reject*: *"Will NASA's Artemis II spacecraft land on the moon by the end of 2026?" (The correct mission is Artemis III. Artemis II's mission is not intended to land on the moon).*

   c. Markets that can be subject to different interpretations.

   > *Reject*: *"Which party will win the October 2024 Czech elections?" (there are both regional and senatorial elections in October).*

   d. Markets that have contradictory or misleading specifications.

   > *Reject*: *a market titled "Who will win the 2024 US Presidential Election?" where the token representing Joe Biden is named or has a ticker "TRMP", and the token representing Donald Trump is named or has a ticker "BIDN".*
   > *Reject*: *a market titled "Who will win the 2024 US Presidential Election?" where the image representing Joe Biden is a picture of Donald Trump, and the image representing Donald Trump is a picture of Joe Biden.*

5. **Uncertainty:** The answer to the question must not be known with absolute certainty at the date of submission.

> **Reject**: *"What is 1+1?".*
> **Reject**: *"Was Benjamin Franklin a president of the United States?".*

6. **English language:** The market must be only in English. However, the use of certain words from other languages, which either do not have an English translation or are very well-known in their original language, must be permitted.

> **Accept**: *"Will there be a <u>coup d'état</u> in Colombia before December 31, 2024?"*
> **Reject**: *"Donald Trump gagnera-t-il l'élection présidentielle des Etats-Unis?".*

7. **Markets Resolution Policy:** The market must not be expected to resolve as "invalid" according to Seer's Market Resolution Policy. Note that the market can still be resolved as "invalid" due to some unexpected event (i.e. a question about the result of a sports competition which ends up being canceled). Even markets which could be valid are to be rejected under this rule if them being resolved as invalid is likely.

> **Reject**: *"Will Donald Trump be alive on December 1st, 2024?" (this would act as a defacto assassination market which is forbidden, thus would resolve as invalid).*
> **Reject**: *A categorical market with a question "How many seats will the European Pirate Party win in the 2024 European elections?" and answers "0", "1-10" and "10+" (this market will resolve as invalid if the pirate party wins exactly 10 seats, which is probable).*

8. **Date formats:** Dates must adhere to the following formats:
    - If written in letters:
        - The month must be spelled out in full and must not be abbreviated (e.g., 'January', not 'Jan.').
        - The day may be written in either letters or numbers and may be placed before or after the month. It may also include an ordinal suffix (e.g., '-st', '-nd', '-rd', '-th').
        - The year must be written in numbers, but it must be placed at the end and must not be abbreviated (e.g., '2024', not '24').
        - The day of the week (e.g., 'Monday') may be included. If the specified date does not correspond to the stated day of the week, the submission must be rejected.
        - The parts of the date may be separated by a comma (',') or the word 'of'.

        > **Accept**: *"Will Vitalik tweet about Seer by July 5, 2024?".*
        > **Accept**: *"Will Vitalik tweet about Seer by 5 July 2024?".*
        > **Reject**: *"Will Vitalik tweet about Seer by Sunday December 31, 2024?"*
        > *(December 31st is actually a Tuesday).*

> *Reject*: *"Will Vitalik tweet about Seer by July 2rd, 2024?".*
> *Reject*: *"Will Vitalik tweet about Seer by December 5 '24?".*

- ○ If written all in numbers, the date must follow the format YYYY-MM-DD.

> *Accept*: *"Will Vitalik tweet about Seer by 2024-12-31?".*

9. **Opening Date**: A market must not be accepted if it is expected with a high degree of certainty that the answer will be already known long before the opening date.

> *Accept*: *"Will Donald Trump win the 2024 US presidential elections?"* with an opening date on 2024-11-06 at 9 am UTC (If the vote margin between candidates is significant, the result may be known a few hours before. However, this is not certain).
> *Reject*: *"Will Donald Trump win the 2024 US presidential elections?"* with an opening date on 2025-11-06 (the election is planned for 2024, not 2025).

10. **Units:** Units of measure must be provided if they are relevant.

> *Accept*: *"To which price (USD) will BTC be the closest by 2025-01-01?"* with answers *"0", "10000"* and *"100000".*
> *Accept*: *"To which price will BTC be the closest by 2025-01-01?"* with answers *"0 USD", "10000 USD"* and *"100000 USD".*
> *Reject*: *"To which price will BTC be the closest by 2025-01-01?"* with answers *"0", "10000"* and *"100000".*

11. **Number separators:** When using decimal and thousand separators, the symbol '**.**' must be used for the decimal separator, and the symbol '**,**' must be used for the thousand separator.

> *Accept*: *"Will the population of Japan exceed 200,000,000 people by the end of 2030?".*
> *Accept*: *"Will the population of Japan exceed 200 million people by the end of 2030?".*
> *Reject*: *"Will the population of Japan exceed 200.000.000 people by the end of 2030?".*

12. **Source of truth:** If a resolution source is specified, this source must be expected to know the answer and to publish it soon after it is known.

> *Accept*: *"How many COVID19 deaths will be reported by the World Health Organization?".*
> *Reject*: *"How many earthquakes will happen in Chile in 2024, as reported by the International Association of Amusement Parks and Attractions?".*

13. **Outcome Token Naming rules:**

a. Clarity and Non-Ambiguity: Outcome token names must have a direct relation to the outcome they correspond to. Ambiguous or misleading names are not allowed.

> *Accept:* *HARRIS_2024 for an outcome predicting Kamala Harris win in the 2024 U.S. Presidential election.*
> *Reject:* *TRMP_2024 for the same outcome (misleading, as it suggests a different candidate).*

b. Length Limit: Outcome token names must not exceed 11 characters.

> *Accept:* GOLD_2000
> *Reject:* GOLD_PRICES_2000 (16 characters)

a. Accepted Characters: Outcome token names may consist of alphanumeric characters and other commonly used characters. Uncommon characters, spaces, and emojis are prohibited.

> *Accept:* *Token names with: [] - _ % + $ € () !*
> *Reject:* *Token names with: ‡ ¬ └ 🙂*

c. Case Sensitivity: All outcome token names must use uppercase letters for consistency and ease of display across interfaces.

> *Accept:* *MKT_DROP*
> *Reject:* *CryptoMarketDrop*

d. Offensive Content: Outcome token names must not contain offensive content unless the term is relevant to the market and it is addressed in a limited and respectful manner.

> *Accept:* *TRMP*
> *Reject:* *TRMP_ASSHOLE*

14. **Maximum Length**: The market's question can contain additional information and rules, however it must be limited to a maximum of **700** characters, including spaces. Each market outcome must be limited to a maximum of **80** characters, including spaces.

> *Accept:* *Will the 1-minute Binance candle for ETH/USDT on October 4th, 2024, at 12:00 PM ET have a final "Close" price of 3,000.01 USD or higher? This market will resolve to "Yes" if the final "Close" is 3,000.01 USD or higher, otherwise "No." The source is Binance's ETH/USDT "1m" candles.*
> *Reject:* Will the 1-minute Binance candle for ETH/USDT on October 4th, 2024, at 12:00 PM ET (noon) have a final "Close" price of 3,000.01 USD or higher? This market will resolve to "Yes" if the 1-minute

Binance candle for ETH/USDT on October 4th, 2024, at 12:00 PM ET (noon) has a final "Close" price of 3,000.01 USD or higher. If the "Close" price is below this threshold, the market will resolve to "No". The official resolution source for this market is Binance. Specifically, the ETH/USDT "Close" prices available on Binance's trading platform at Binance ETH/USDT, with "1m" (1-minute) and "Candles" selected in the top bar. This market concerns the ETH/USDT price according to Binance only. Prices from other exchanges, platforms, or spot markets will not be considered for resolution. The answer to this question must be obtained from the following link: "https://www.binance.com/en/trade/ETH_USDT" or any other website link that directs to Binance's trading platform for ETH/USDT.

15. **Maximum Range:** In scalar markets, the maximum value allowed for the upper part of the range must not be greater than 100,000,000,000,000,000,000.

Accept: Scalar value range of 1 to 1,000,000,000.
Reject: Scalar range of 1 to 10,000,000,000,000,000,000,000,000 (exceeds maximum).

16. **Relevance of Units:** Units of measurement must be directly relevant and logical for the market's topic.

Accept: A Scalar market about the production of tomatoes in the United States in which the answer must be provided in tons.
Reject: A Scalar market about the production of tomatoes in the United States in which the answer must be provided in milligrams.

17. **Factory Contract Requirement:** All prediction markets submitted must be created using the factory contract. Any contingent prediction markets must refer to prediction markets created by the factory contract.

Accept: A market created by a user by accessing the Seer platform through a front-end interface connected to the factory contract.
Reject: A market contract directly deployed by a developer on Gnosis Chain without using the factory contract.

18. **Minimum Bond:** The minimum bond to answer the question must not exceed 5 ETH.

Accept: A question with a minimum bond of 5 ETH.
Reject: A question with a minimum bond of 6 ETH.

19. **Contingent Markets:** If the market submitted for verification is a contingent market, the underlying market it references must either be verified or, if not verified, must be deemed to comply with this policy.

Accept: A contingent market, "According to the Bureau of Labor Statistics' official report, will the US unemployment rate be below 4% in January 2024?", which redeems for the token linked to the "Trump"

outcome in an underlying market, "Who will win the U.S. 2024 presidential elections?". The underlying market is not verified but complies with this policy.

Reject: A contingent market asking, "According to the Bureau of Labor Statistics' official report, will the US unemployment rate be below 4% in January 2024?", which redeems for the token linked to the "Trump" outcome in an underlying market, "Who will win the U.S. 2024 presidential elections?". However, the underlying market is not verified and misleadingly displays an image of Kamala Harris for the "Trump" outcome, creating confusion. This contingent market is rejected because the underlying market does not comply with the policy due to misleading specifications.

20. **Duplicated Markets:** A market submission must be rejected if it shares the exact same outcome tokens as a previously verified market. When multiple submissions with identical outcome tokens are pending, the first submission must be accepted, as long as it complies with this Policy.

Accept: Alice submits market A with the question: "Will Donald Trump win the 2024 U.S. presidential election?". The possible outcomes are "Yes" and "No", associated with outcome tokens TRUMPWIN_Y and TRUMPWIN_N. There is an already verified market B with the same question and outcomes: "Will Donald Trump win the 2024 U.S. presidential election?" The outcomes are again "Yes" and "No" but associated with outcome tokens TRUMPVIC_Y and TRUMPVIC_N. Even though the question and outcomes are identical, Alice's submission must be accepted because it uses different outcome tokens.

Reject: Alice submits market A at 9 AM UTC with the question: "Will Donald Trump be elected President of the United States in 2024?" with outcomes "Trump will be elected" and "Trump will not be elected," and outcome tokens TRUMP_Y and TRUMP_N. At 10 AM UTC, Bob submits market B with a question: "Will Donald Trump win the 2024 U.S. presidential election?", and the outcomes are "Yes" and "No." However, Bob's market uses the same outcome tokens as Alice's market: TRUMP_Y and TRUMP_N. Therefore, Bob's submission must be rejected.