

# Fake News Analysis Report

Query ID: 36

## VERDICT: TRUE NEWS

### Query News Sample



"Indian Navy's INSV Tarini embarks on second leg of expedition from Australia"

### Top Visual Evidence



"Navika Sagar Parikrama II - Indian Navy's INSV Tarini embarks on second leg of expedition from Australia  
- India Today"

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## Final Unified Reasoning

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- Detailed Reasoning:

The evidence strongly supports the claim that the image and text accurately represent the Indian Navy's INSV Tarini embarking on the second leg of its expedition.

- Arguments FOR the classification:

• **Strong Web-Based Verification (Evidence 3):** The web search yielded a high support score (20.0), indicating a strong factual basis for the claim. This is the most significant piece of evidence, suggesting the event described in the text is indeed happening and is being reported by credible sources.

• **Consistent Image-Text Alignment (Evidence 1):** The image and text align well in terms of sentiment, entities, and event/action. The image clearly shows the INSV Tarini (identified by the "TARINI" marking on the sail) and people who appear to be navy personnel working on the boat, consistent with the text's description.

• **Image-Image Consistency (Evidence 2):** The comparison with a retrieved image shows a consistent scene, reinforcing the likelihood that the image depicts a real event. The presence of the same boat and people in both images strengthens the overall credibility.

- Arguments AGAINST the classification:

• While the image doesn't explicitly show Australia (as mentioned in the text), this isn't a contradiction. The image could be taken at a port in Australia or another location along the expedition route. The absence of a specific location doesn't invalidate the claim.

• Confidence Level: High. The combination of strong web-based verification, consistent image-text alignment, and image-image consistency provides a high degree of confidence in the authenticity of the news post.

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## Image vs. Text Analysis (Query)

Okay, let's break down this image and text analysis step-by-step.

### STEP 1: Sentiment Alignment

**1. Text Sentiment:** The text conveys a sense of progress and continuation ("embarks on second leg of expedition"). This is generally positive and hopeful, suggesting a successful journey.

**2. Image Sentiment:** The image shows people working on a boat in a bright, sunny environment. The people appear focused and engaged, suggesting a sense of purpose and activity. The overall feeling is positive and calm.

**3. Comparison:**

- Classification: Sentiment Aligned
- Reasoning: Both the text and the image evoke a positive and active sentiment. The text describes a continuing journey, and the image shows people actively engaged with the vessel.

### STEP 2: Entity Consistency

**1. Text Entities:**

- Indian Navy
- INSV Tarini (a ship)
- Australia

**2. Image Entities:**

- The image clearly shows a sailboat with "TARINI" written on the sail. This directly represents "INSV Tarini."
- While not explicitly visible, the presence of people in navy-like uniforms suggests the involvement of the "Indian Navy."
- Australia is not visually represented in the image.

**3. Comparison:**

- Classification: Entities Aligned
- Reasoning: The key entity, INSV Tarini, is clearly depicted in the image. The presence of uniformed individuals supports the association with the Indian Navy. The absence of Australia is not a contradiction, as the image likely depicts a moment at a port.

### STEP 3: Event/Action Consistency

**1. Text Event/Action:** The main event is the "second leg of expedition" by the INSV Tarini. This implies a journey or voyage.

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**2. Image Depiction:** The image shows people working on the boat, likely preparing it for departure or performing maintenance. This aligns with the idea of an expedition and suggests activity related to a voyage.

**3. Comparison:**

- Classification: Event/Action Aligned
  - Reasoning: The image depicts actions consistent with preparing for or being involved in an expedition, which aligns with the text's description of the ship embarking on a second leg of its journey.
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## STEP 4: Final Judgment

- Judgment: TRUE
- Brief Reasoning: All three analyses (Sentiment Alignment, Entity Consistency, and Event/Action Consistency) indicate a strong alignment between the image and the text. The image visually represents the ship mentioned in the text, depicts actions consistent with an expedition, and shares a positive sentiment. Therefore, the pairing appears truthful.

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## Query Image vs. Evidence Image Analysis

Okay, let's analyze the two images step-by-step.

- STEP 1: Sentiment Alignment
- **Image 1 Sentiment:** The image shows people on a boat, seemingly preparing or working on it. The bright sunlight and the activity suggest a positive, energetic, and possibly adventurous mood.
- **Image 2 Sentiment:** Similar to Image 1, this image also depicts people on a boat, with a bright, sunny background. The scene appears active and focused, maintaining a positive and energetic tone.
- **Comparison:** Sentiment Aligned
- **Reasoning:** Both images convey a similar positive and active sentiment, centered around boating and activity.
- STEP 2: Entity Consistency
- **Entities in Image 1:** The most prominent entity is the boat, which has "TARINI" written on its sail. There are also two people visible.
- **Entities in Image 2:** The boat with "TARINI" on its sail is also present. The two people are also visible.
- **Comparison:** Entities Aligned
- **Reasoning:** The key entity, the boat with the "TARINI" marking, and the people are present in both images.
- STEP 3: Event/Action Consistency
- **Event/Action in Image 1:** People are on the boat, possibly preparing it for sailing or performing maintenance.
- **Event/Action in Image 2:** People are on the boat, seemingly engaged in a similar activity as in Image 1.
- **Comparison:** Event/Action Aligned
- **Reasoning:** Both images show people interacting with the boat, suggesting a consistent activity or scene.
- STEP 4: Final Judgment
- **Judgment:** TRUE
- **Brief Reasoning:** All three analyses (Sentiment, Entities, and Event/Action) indicate alignment between the two images. The presence of the same boat ("TARINI") and people engaged in similar activities across both images strongly suggests they are related and depict a consistent scene. There's no indication of manipulation or misleading information.

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## Text vs. Text Factual Consistency Analysis

### Evidence Snippet #1

**Factual Score:** 1

**Rationale:** Both sentences state the same fact: the Indian Navy's INSV Tarini has begun the second leg of its expedition, departing from Australia. The India Today reference confirms this.

### Evidence Snippet #2

**Factual Score:** 1

**Rationale:** Both sentences state the same fact: the Indian Navy's INSV Tarini is starting the second leg of an expedition from Australia. Sentence B provides the full name of the expedition (Navika Sagar Parikrama-II), which is additional information but doesn't contradict the core fact presented in Sentence A.

### Evidence Snippet #3

**Factual Score:** 1

**Rationale:** Both sentences describe the same event: the Indian Navy's INSV Tarini starting the second leg of an expedition from Australia. They both mention the ship's name (INSV Tarini) and the starting location (Australia). Sentence B provides the full name of the expedition (Navika Sagar Parikrama-II) and the destination (New Zealand), which are additional details but do not contradict the core fact presented in Sentence A.

### Evidence Snippet #4

**Factual Score:** 1

**Rationale:** Both sentences state the same fact: the Indian Navy's INSV Tarini has begun the second leg of its expedition, departing from Australia. The entities (INSV Tarini, Indian Navy, Australia) and the action (embarking on the second leg of an expedition) are identical in both sentences.

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## Text vs. Text Analysis (cont.)

### Evidence Snippet #5

**Factual Score:** 0

**Rationale:** Sentence A states that INSV Tarini embarks on the \*second\* leg of an expedition from Australia. Sentence B states that INSV Tarini begins the \*third\* leg of a circumnavigation. They refer to different legs of the same voyage, but not the same leg. Therefore, they describe different facts.

### Evidence Snippet #6

**Factual Score:** 0

**Rationale:** Sentence A describes the Indian Navy's INSV Tarini starting the second leg of an expedition from Australia. Sentence B refers to India's submarine capabilities. These are different topics and do not describe the same real-world situation.

### Evidence Snippet #7

**Factual Score:** 0

**Rationale:** Sentence A describes the Indian Navy's INSV Tarini starting the second leg of an expedition from Australia. Sentence B discusses an accident involving a nuclear submarine and does not relate to the INSV Tarini or its expedition. They describe different events.

### Evidence Snippet #8

**Factual Score:** 0

**Rationale:** Sentence A states that INSV Tarini is embarking on the second leg of an expedition from Australia. Sentence B states that INSV Tarini departed from Port Stanley for Cape Town in the fourth leg of a global circumnavigation. These are different legs of the journey and different locations, therefore they describe different facts.

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## Text vs. Text Analysis (cont.)

### Evidence Snippet #9

**Factual Score:** 0

**Rationale:** Sentence A describes the Indian Navy's INSV Tarini starting a leg of an expedition from Australia. Sentence B discusses a debunked claim about the decommissioning of INS Arihant. These are unrelated events involving different ships within the Indian Navy.

### Evidence Snippet #10

**Factual Score:** 0

**Rationale:** Sentence A describes the Indian Navy's INSV Tarini starting a leg of an expedition from Australia. Sentence B describes an incident involving a submarine and a hatch being left open. These are unrelated events.