

NOLAN WELLS

Geospatial Timeline & Vessel-Movement Analysis

Horn Island, Mississippi • 4 July 2026

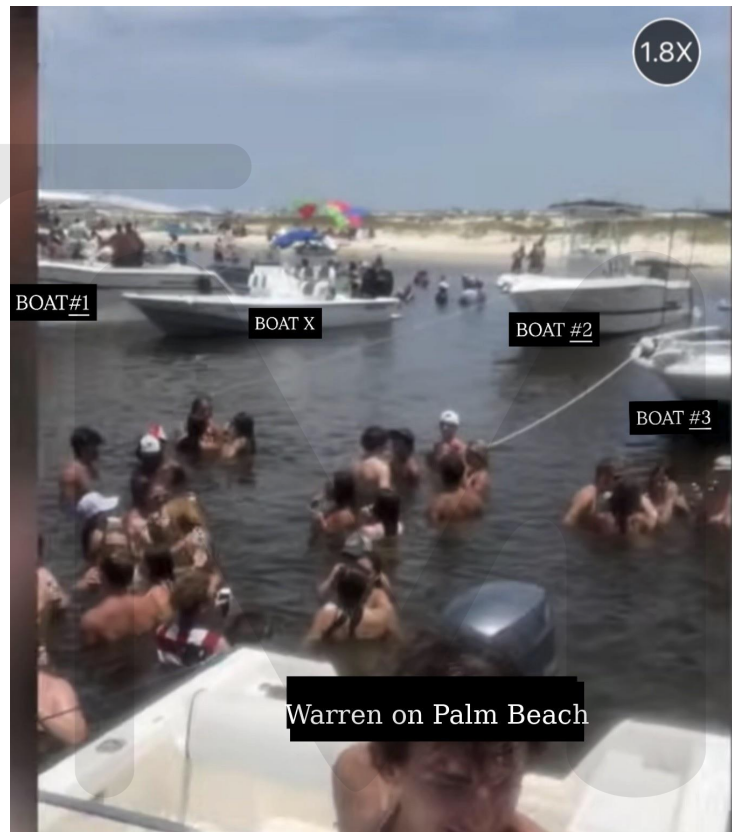


Figure 1. Annotated source image showing Boat #1, Boat X, Boat #2 and Boat #3 in relation to the Palm Beach viewpoint.

WORKING ANALYTICAL REPORT

This report organizes the supplied photographs, videos, annotations, coordinates and social-media statements. It is not a law-enforcement finding and does not determine criminal or civil responsibility.

1. Investigative Focus

The central questions are straightforward, but the available record is not yet complete:

- At what time?
- Which boats were present?
- Which boats moved?
- When did they move?
- Who was aboard them?
- When did the Triton begin taking on water?
- What happened between Nolan's last independently corroborated sighting and the 1631 departure of the boat on which Nolan arrived at Horn Island?

Analytical premise: there remains a material gap in the timeline. The most useful next step is not to force a conclusion, but to identify exactly which events are visually documented, which are reported by witnesses, which are only annotated by secondary sources, and which remain unknown.

2. Executive Findings

Geospatial anchor: The MDMR search datum shown in the supplied correspondence — 30°14.626' N, 88°46.629' W — converts to approximately 30.2437667, -88.7771500. A separately supplied map pin at 30°14'37.6" N, 88°46'37.7" W is only about 1.6 meters from that point. These two depictions therefore appear to refer to essentially the same location, subject to normal map/GPS precision.

Second mapped point: A second supplied coordinate, 30°14'41.0" N, 88°46'47.4" W, is approximately 279 meters from the MDMR/origin-vessel datum. The media supplied here does not establish what event that second point represents.

Vessel cluster: The annotated stills consistently depict a cluster that the source labels Boat #1, Boat X, Boat #2, Boat #3, Palm Beach and Triton. The images support relative-position comparison, but the labels themselves are user/source annotations rather than independent vessel-registration identifications.

Embedded time evidence: Two supplied screen-recording videos display phone-interface clock times of approximately 3:23 and 4:27. The 4:27 recording shows boats and people in the anchorage. Because these are clocks visible inside captured social-media content, they should be treated as timing indicators, not automatically as verified original camera timestamps.

4:31 departure hinge: The stated 1631 departure time of the boat on which Nolan arrived at Horn Island sits only minutes after the 4:27 embedded-clock visual. If the 4:27 time corresponds to the event itself, that media could be highly probative of the immediate pre-departure vessel configuration. Original-file metadata or platform-post metadata is needed to authenticate that inference.

Post-4:31 witness material: A supplied social-media statement places an “almost fighting” group around 5:00 p.m. and says a Bertram with a blue top left shortly thereafter “pretty fast.” A reply disputes that the relevant person was Nolan and says a different young man was present. This conflict is important precisely because it prevents treating the 5:00 p.m. account as a confirmed sighting of Nolan.

Late observation: Another supplied social-media image states that the commenter was parked next to the group and that Nolan was “nowhere in sight” when the commenter left at 7:30. This is a reported observation, not independently verified by the supplied media.

Core gap: The supplied package does not, by itself, establish a continuous, independently corroborated chain from Nolan's last known sighting through 4:31 p.m. The gap remains the critical analytical interval.

1650 configuration point: The newly supplied 1650 photograph adds a post-1631 visual checkpoint. Frontier Bay / Boat #2 is no longer in its earlier/original position, consistent with the fight-video still. If the time is authenticated, the movement occurred by 1650, although the exact movement time remains unknown.

TMZ

3. Evidence Classification & Limitations

To avoid overstating the evidence, this report uses the following hierarchy:

Category	Meaning	Examples in this report
Direct visual observation	A feature visible in the supplied photograph/video without relying on a label for identity.	Boat hulls, flags, relative positions, crowds, shoreline, on-screen clock display.
Source annotation	A label placed on an image by the source/uploader. Useful for hypothesis-building but not self-authenticating.	“Boat #1,” “Boat X,” “Triton,” “Palm Beach,” “Warren on Palm Beach.”
Documentary statement	Text shown in correspondence or social-media screenshots.	MDMR datum; Matthew Lamp, Melissa Thomas and Katelynn Brochard statements.
Analytical inference	A conclusion derived from combining two or more observations.	MDMR datum and the 30°14'37.6" / 88°46'37.7" pin are essentially coincident.
Unresolved	The supplied record is insufficient to establish the fact.	Exact occupancy of every vessel; authenticated event time of every clip; onset of Triton water ingress.

Important: MP4 container metadata shows creation/export dates of 28 July 2026 for the five supplied files. Those dates describe the supplied digital files, not the July 4 event. They are therefore not used as event timestamps.

4. Source-Media Inventory

Exhibit	File	Content	Analytical use
A1	31654.jpg	Annotated “Fight Video” still: Boat #1 POV, Boat #2, Boat #3; Boat X noted missing.	Relative configuration / movement comparison.
A2	31655.jpg	Second “Fight Video” still with Boat #1 POV, Boat #2 and Boat #3.	Relative configuration.
A3	31656.jpg	Annotated still: Boat #1, Boat X, Boat #2, Boat #3, “Warren on Palm Beach.”	Vessel-cluster comparison.
A4	31439.jpg	Map annotation: LE/search coordinate, asserted actual anchor point and “FOUND” marker.	Hypothesis map; labels require verification.
A5	31657.jpg	Composite annotated image identifying Palm Beach, Triton, Boat #2/#3.	Vessel relation / occupancy annotation.
A6	31440.jpg	Aerial view of island tip	Geospatial orientation.

		with blue marker.	
A7	31445.jpg	MDMR correspondence with July 4, 1800 CST search datum.	Primary documentary geospatial datum.
A8	31444.jpg	Map pin: 30°14'37.6" N, 88°46'37.7" W.	Coordinate comparison.
A9	31442.jpg	Aerial view / blue marker.	Geospatial orientation.
A10	31443.jpg	Map pin: 30°14'41.0" N, 88°46'47.4" W.	Second coordinate comparison.
B1	31438.jpg	Matthew Lamp social-media statement re ~5 p.m. "almost fighting" and Bertram departure.	Witness-claim timeline.
B2	31437.jpg	Melissa Thomas reply disputing identification and describing contact with group.	Conflicting witness-claim analysis.
B3	31436.jpg	Katelynn Brochard post stating subject not in sight when group left at 7:30.	Late witness-claim timeline.
B4	31441.jpg	Wide shoreline panorama with three blue arrows.	Anchorage geometry / vessel density.
V1	31451.mp4	~52.6 s panoramic shoreline/boat-cluster video.	Spatial context.
V2	31452.mp4	~24.7 s social-media/screen recording of shoreline cluster.	Spatial context.
V3	31453.mp4	~13.5 s vertical social-media recording; phone clock shows ~4:27.	Potential immediate pre-4:31 visual.
V4	31454.mp4	~52.6 s panoramic shoreline/boat-cluster video.	Spatial context.
V5	31455.mp4	~15.5 s vertical social-media recording; phone clock shows ~3:23.	Potential earlier event-time indicator.
C1	31669.jpg	Shoreline photograph represented as taken at 1650 CST on 4 July 2026. Frontier Bay / Boat #2 is no longer in its earlier/original position.	Post-1631 vessel-configuration comparison; movement upper-bound if time is authenticated.

5. Geospatial Reconstruction

5.1 MDMR/origin-vessel datum

Supplied documentary coordinate: 30°14.626' N, 88°46.629' W (PA), described in the MDMR correspondence as being based on origin-vessel GPS data and associated with 1800 CST on 4 July 2026.

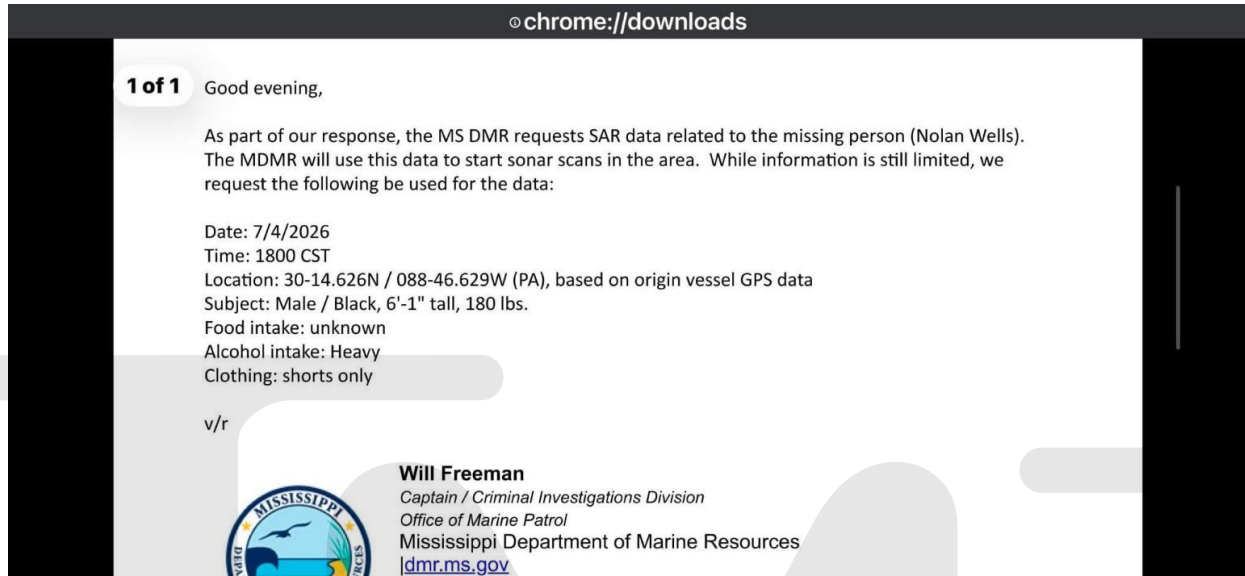


Figure 2. Supplied MDMR correspondence showing the 1800 CST search datum and origin-vessel GPS reference.

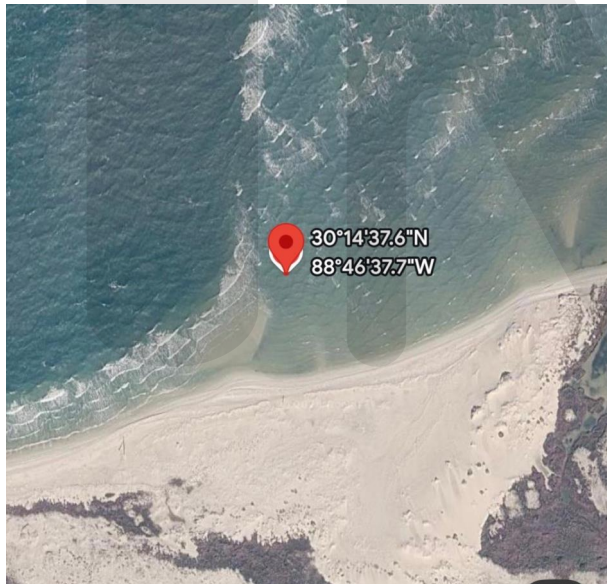


Figure 3A. 30°14'37.6" N, 88°46'37.7" W.

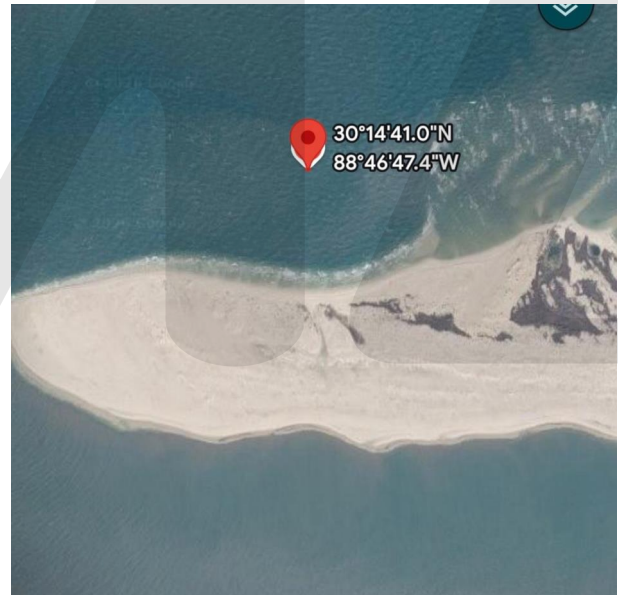


Figure 3B. 30°14'41.0" N, 88°46'47.4" W.

Calculated comparison: the Figure 3A pin is approximately 1.6 m from the MDMR/origin-vessel datum. Figure 3B is approximately 279 m from the MDMR datum (and about 279 m from Figure 3A). This is a strong geospatial match for Figure 3A, but it does not by itself establish when the vessel occupied that point or what occurred there.

5.2 Shoreline context (Inverted to denote a North-South view of Horn Island)



Figure 4A. Supplied aerial island-tip view with blue marker.



Figure 4B. Second supplied aerial island-tip view.

The aerial images show the relationship between the north-side anchorage/shoal and the island tip. Without an image containing a scale bar, north arrow and verified camera position, precise bearings should not be inferred from the photographs alone.

INMZ

6. Working Timeline

Time	Event / observation	Evidence status	Source
Before ~3:23 p.m.	No continuous chronology established in supplied package.	UNRESOLVED	—
~3:23 p.m.	A supplied vertical screen recording displays a phone clock of ~3:23 while showing the crowded anchorage and nearby boats.	TIME INDICATOR; not authenticated original capture time	V5 / 31455.mp4
Last independently corroborated sighting	User identifies this as the start of the critical gap; exact time and corroborating source are not contained in the supplied media package.	UNRESOLVED IN THIS PACKAGE	User investigative premise
~4:27 p.m.	A second supplied vertical screen recording displays a phone clock of ~4:27 while showing boats/people in the anchorage.	TIME INDICATOR; potentially highly relevant	V3 / 31453.mp4
4:31 p.m.	The boat on which Nolan arrived at Horn Island departed at 1631, per the user-supplied timeline. The supplied package does not include the underlying GPS/engine/AIS record proving this time.	ASSERTED HINGE; underlying record not supplied	User investigative premise
~5:00 p.m.	Matthew Lamp states a passenger was “pretty certain” a person was part of a group that was almost fighting around 5 p.m.; he says the Bertram with blue top left shortly afterward and fast. (Not believed to be a factor at this time)	SECOND-HAND SOCIAL-MEDIA CLAIM	B1 / 31438.jpg
~5:00 p.m., conflicting	Melissa Thomas disputes the identification, states a different young man was with her group, and says they spoke to “the boys,” one of whom had an entire vodka bottle.	CONFLICTING SOCIAL-MEDIA CLAIM	B2 / 31437.jpg

6:00 p.m.	MDMR correspondence later uses 1800 CST with the origin-vessel GPS datum for SAR/sonar planning. This should not be interpreted automatically as a sighting time.	DOCUMENTED SEARCH-PLANNING TIME	A7 / 31445.jpg
7:30 p.m.	Katelynn Brochard states they were parked next to the group and “he was nowhere in sight” when they left at 7:30.	SOCIAL-MEDIA CLAIM	B3 / 31436.jpg
4:50 p.m. / 1650 CST	New supplied shoreline photograph shows the crowded anchorage. Frontier Bay / Boat #2 is no longer in its earlier/original position, matching the positional change seen in the later fight-video still.	USER-SUPPLIED CAPTURE TIME + DIRECT VISUAL CONFIGURATION	C1 / 31669.jpg

6.1 The critical interval

The period requiring the most scrutiny is the interval between the last independently corroborated sighting of Nolan and the asserted 4:31 p.m. Triton departure. The 3:23 and 4:27 visual material may bracket or illuminate part of that interval, but only if the displayed clock times can be authenticated as corresponding to the original event recordings. The supplied media does not close the gap.

7. Vessel Presence, Movement & Occupancy Matrix

Vessel label	Presence in supplied imagery	Movement evidence	Occupancy evidence	Confidence	Key issue
Boat #1	Shown by annotation; one still explicitly labels “Boat #1 POV.”	Source comparison says Boat X is missing in later view; no GPS track supplied for Boat #1.	No verified roster supplied.	Moderate for visual presence; low for identity/occupancy.	Obtain original video and vessel ID/registration.
Boat X	Annotated between Boat #1 and Boat #2 in one still; annotated as missing in a later “Fight Video” view.	Apparent absence in later image is evidence of a configuration change, but exact movement time is not established.	No verified roster supplied.	Moderate for configuration change; low for timing.	Determine vessel identity and original capture times.
Boat #2 / Frontier Bay	Repeatedly annotated in the earlier cluster; user identifies this vessel as Frontier Bay.	No longer in its earlier/original position in the 1650 photograph; same positional change is visible in the fight-video still. Exact movement time remains unresolved.	No verified roster supplied.	Moderate for configuration change; stated 1650 time requires authentication.	Determine exact movement time, destination, occupants and primary vessel track.
Boat #3	Repeatedly annotated near cluster / Palm Beach side.	No definitive movement track in supplied package.	No verified roster supplied.	Moderate visual / low identity.	Establish registration and occupant list.
Palm Beach	Annotated in composite and vessel-cluster image.	No definitive movement track supplied.	Annotated source identifies “Warren on Palm Beach”; this is not independent facial identification.	Moderate for source identification only.	Interview/roster/GPS corroboration.

Triton	Annotated in composite image; user states the boat on which Nolan arrived departed at 1631.	1631 departure is a central asserted event, but underlying GPS/engine record is not included.	Annotated source places Nolan onboard Triton in an earlier image.	Moderate source annotation; departure time requires primary record.	Obtain vessel GPS, engine ECU, chartplotter and original media.
Bertram with blue top	Referenced in Matthew Lamp statement; not conclusively mapped to Boat #1/#2/#3/X in supplied material.	Lamp says it left shortly after ~5 p.m. “pretty fast.”	Not established.	Low pending vessel match.	Identify exact Bertram and compare to images/tracks.

7.1 Comparative configuration

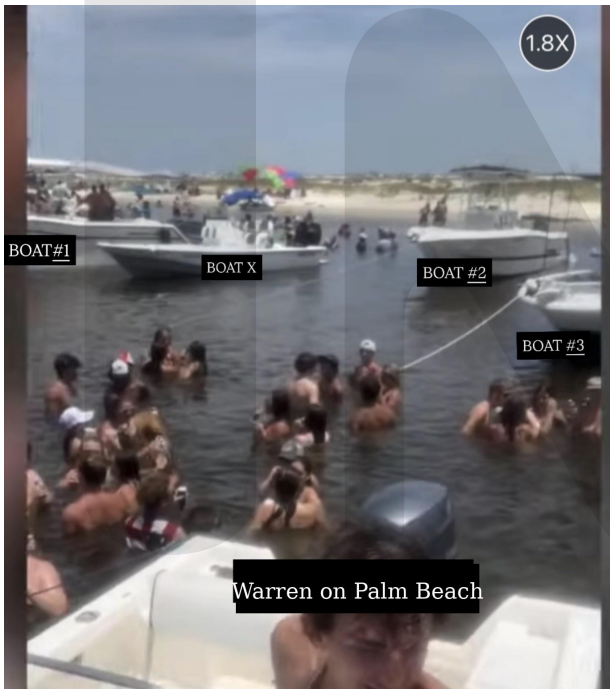


Figure 5A. Source annotation shows Boat X between Boat #1 and Boat #2.

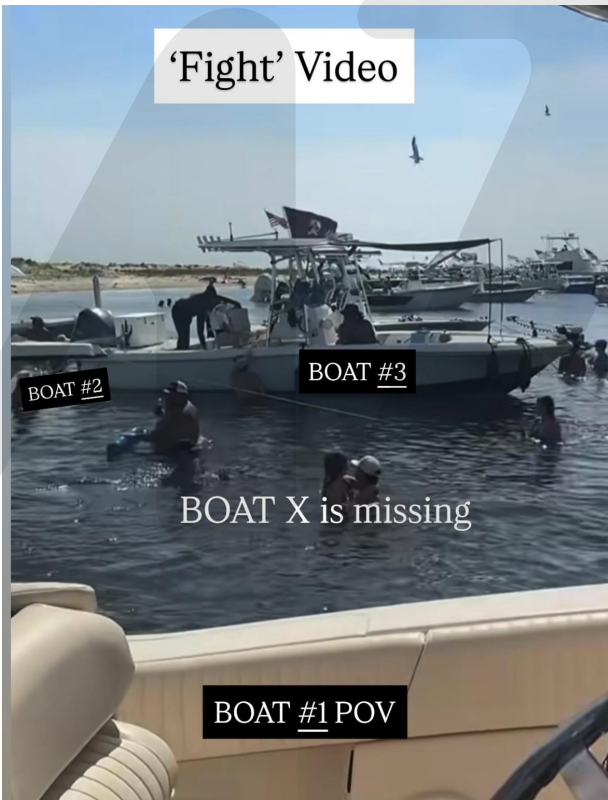


Figure 5B. Later/different “Fight Video” still states “Boat X is missing.”

What this supports: the vessel arrangement changed between the two depicted configurations if the source labels are accurate. **What it does not yet support:** the exact time Boat X moved, its destination, its occupants, or whether its movement is related to Nolan’s disappearance.



Figure 6A. Second Boat #1 POV frame showing Boat #2 and Boat #3.

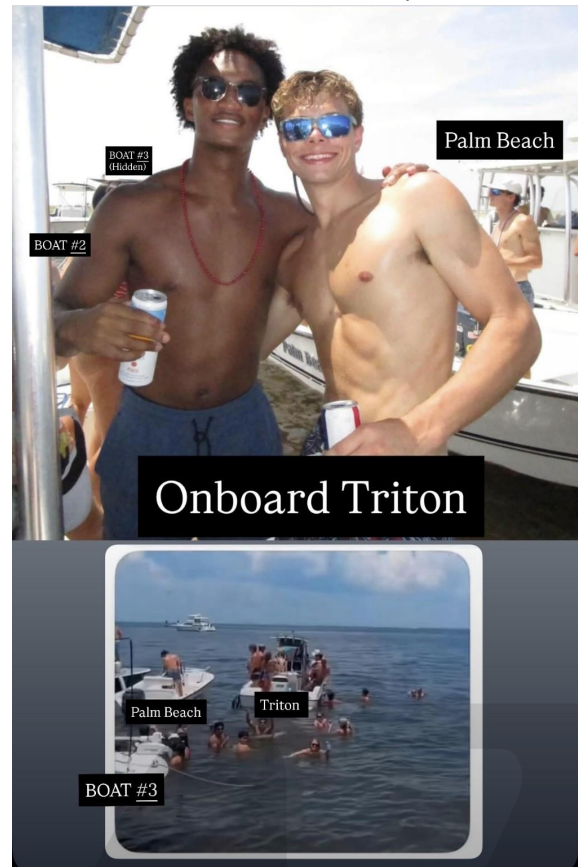


Figure 6B. Composite source annotation identifying Palm Beach, Triton and Boat #3.

7.2 1650 CST Shoreline Photograph - Frontier Bay Position Change

Source/time: The newly supplied photograph is represented as having been taken at 1650 CST on 4 July 2026, nineteen minutes after the user-supplied 1631 departure of the boat on which Nolan arrived at Horn Island.

Key visual observation: Frontier Bay / Boat #2 is no longer in the earlier/original position shown in Figure 5A. This is consistent with the later fight-video still, where the vessel configuration has likewise changed.

Analytical significance: If the 1650 capture time is authenticated, the photograph establishes an upper-bound time: Frontier Bay had moved from its earlier position by 1650. It does not establish the exact minute of movement, destination, occupants, or any connection between that movement and Nolan's disappearance. Nolan possibly in this photo but not confirmed.





Figure 5C. Supplied shoreline photograph represented as taken at 1650 CST on 4 July 2026. Frontier Bay / Boat #2 is no longer in its earlier/original position.

8. Video-Derived Timing Indicators

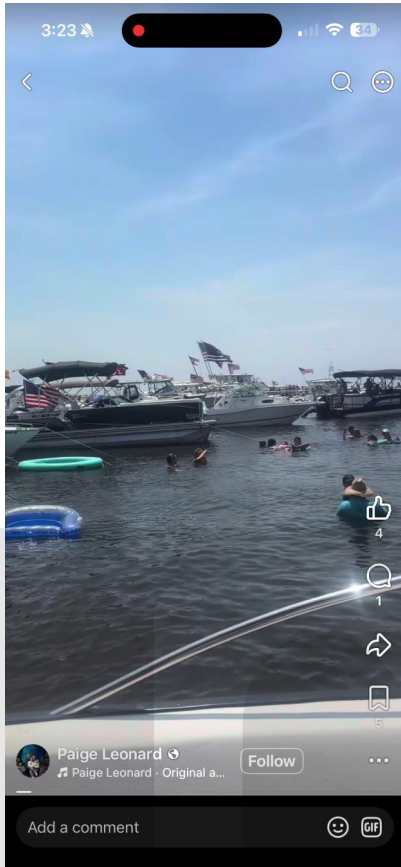


Figure 7A. Frame from V5; phone interface displays approximately 3:23.

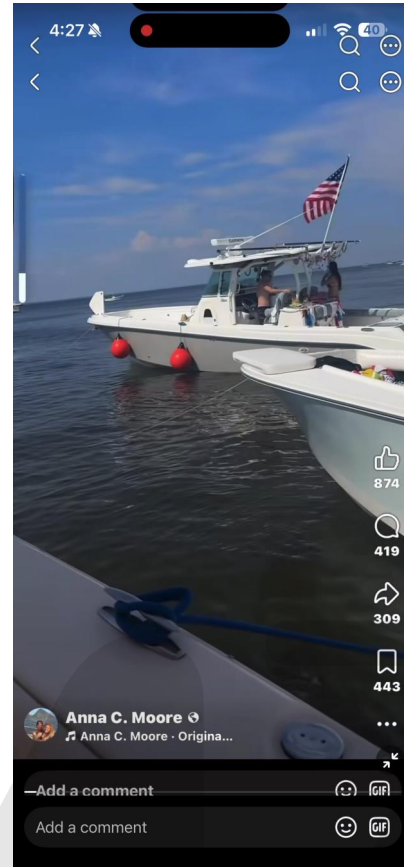


Figure 7B. Frame from V3; phone interface displays approximately 4:27.

Caution on clock interpretation: the displayed times are visible in screen-recorded social-media content. They may be the phone's current time when the screen recording was made rather than the original event recording time. Authentication requires the underlying original post/file, platform metadata, or testimony from the original recorder.



Figure 8. Frame from V1 showing the density and lateral spread of the Horn Island anchorage.

The wide-panorama videos are valuable for physical context and vessel-feature matching. Standing alone, however, they do not supply a reliable event-time stamp or a full movement track.

9. Triton Water-Ingress Question

Current finding: UNRESOLVED. None of the supplied stills, videos, correspondence or social-media screenshots establishes when the Triton began taking on water. The report therefore does not assign a time or cause.

The strongest evidence that could resolve this question would include:

- Original onboard photos/videos showing bilge level, pumps, deck/scupper condition or passenger response;
- Bilge-pump electrical history, breaker/fuse condition and any automatic-pump activation evidence;
- Chartplotter/GPS track and speed changes around the reported departure;
- Outboard ECU/engine-hour/RPM history where available;
- Statements from each Triton occupant taken separately and compared on a minute-by-minute basis;
- Any Coast Guard, DMR, marine-patrol, tow/assistance or VHF traffic referencing water ingress.

10. Post-Departure Witness Statements: What They Do and Do Not Establish

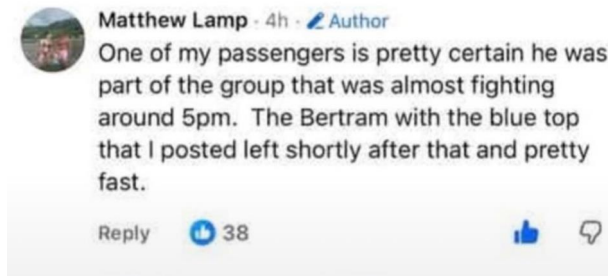


Figure 9A. Matthew Lamp statement placing an “almost fighting” group around 5 p.m.

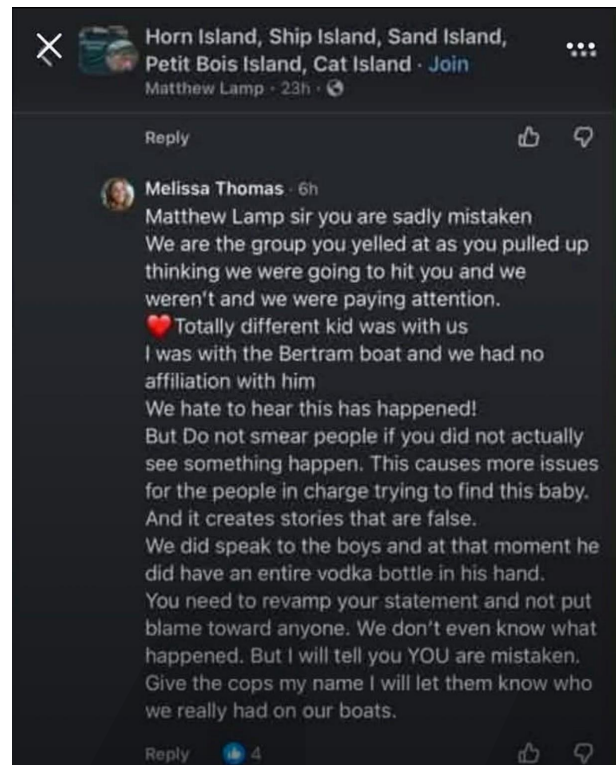


Figure 9B. Melissa Thomas reply disputing the identification and describing a different young man.

Analytical significance: the two statements conflict on the identity of the person associated with the group. Lamp’s wording is itself second-hand (“one of my passengers is pretty certain”), while Thomas explicitly says Lamp is mistaken. Therefore, the material cannot responsibly be presented as a confirmed ~5:00 p.m. sighting of Nolan.

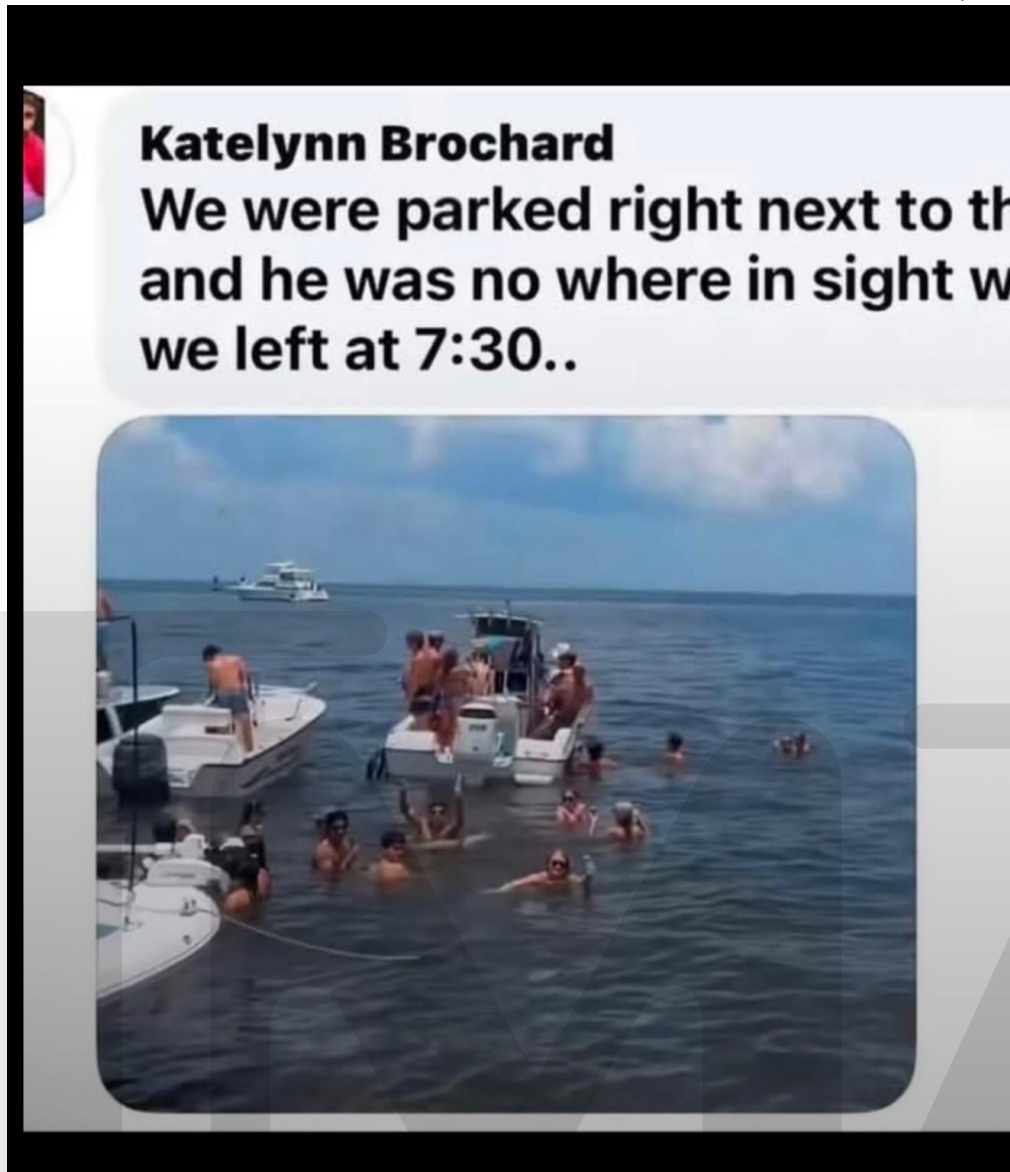


Figure 10. Katelynn Brochard statement reporting that Nolan was “nowhere in sight” when her group left at 7:30.

The 7:30 statement is potentially useful as a negative observation, but only after establishing exactly where the commenter’s vessel was located, what area was visible, how long the commenter was present, and how the commenter knew whom to look for.

11. The Missing Piece

The evidence presently supplied does not answer the most important question: what happened during the uncorroborated interval immediately before the asserted 1631 departure of the boat on which Nolan arrived at Horn Island?

The working reconstruction suggests five specific evidentiary problems that must be solved together:

1. Authenticate the last independently corroborated sighting of Nolan — exact time, location, source and medium.
2. Authenticate the 3:23 and 4:27 media. Determine whether those times are event times, post times, or screen-recording times.
3. Identify Boat X and determine when it left the configuration shown beside Boat #1/Boat #2, where it went, and who was aboard.
4. Authenticate the 1631 departure of the boat on which Nolan arrived at Horn Island using primary electronic data rather than recollection.
5. Create a complete occupant-by-occupant vessel roster and compare each person's statement against the visual record.

Until those five points are resolved, any narrative that claims certainty about Nolan's movements during the gap exceeds what the supplied evidence can support.

12. Recommended Evidence Requests

Original media: Obtain first-generation files for every still/video, including EXIF/QuickTime metadata, platform download data, and unedited originals before labels were added.

Vessel electronics: Chartplotter tracks, GPS breadcrumbs, engine ECU records, AIS if any, trolling-motor tracks, VHF logs and phone navigation histories for Triton, Palm Beach and the boats labeled #1/#2/#3/X.

Phones: With appropriate legal authority/consent, original photo/video metadata, location history, message timestamps and AirDrop/text exchanges from occupants during the critical interval.

Witness matrix: Interview occupants separately; ask each to draw vessel positions and identify who was aboard each boat at 15-minute intervals.

Visual matching: Use hull color, rub rail, T-top geometry, outboard count/model, flag mounts, decals and console layout to link unlabeled videos to identified vessels.

Water ingress: Determine first observation, first pump activation, who noticed it, what action was taken and whether water ingress affected the decision to depart.

Search datum provenance: Obtain the raw "origin vessel GPS data" underlying the MDMR 1800 CST correspondence and clarify whether the coordinate denotes anchor position, last known position, a reporting position or a search-planning datum.

Appendix A — Visual Context Plates



Plate A1. Wide shoreline image with three source-added blue arrows. Useful for anchorage-scale orientation, not precise geolocation without camera-position data.

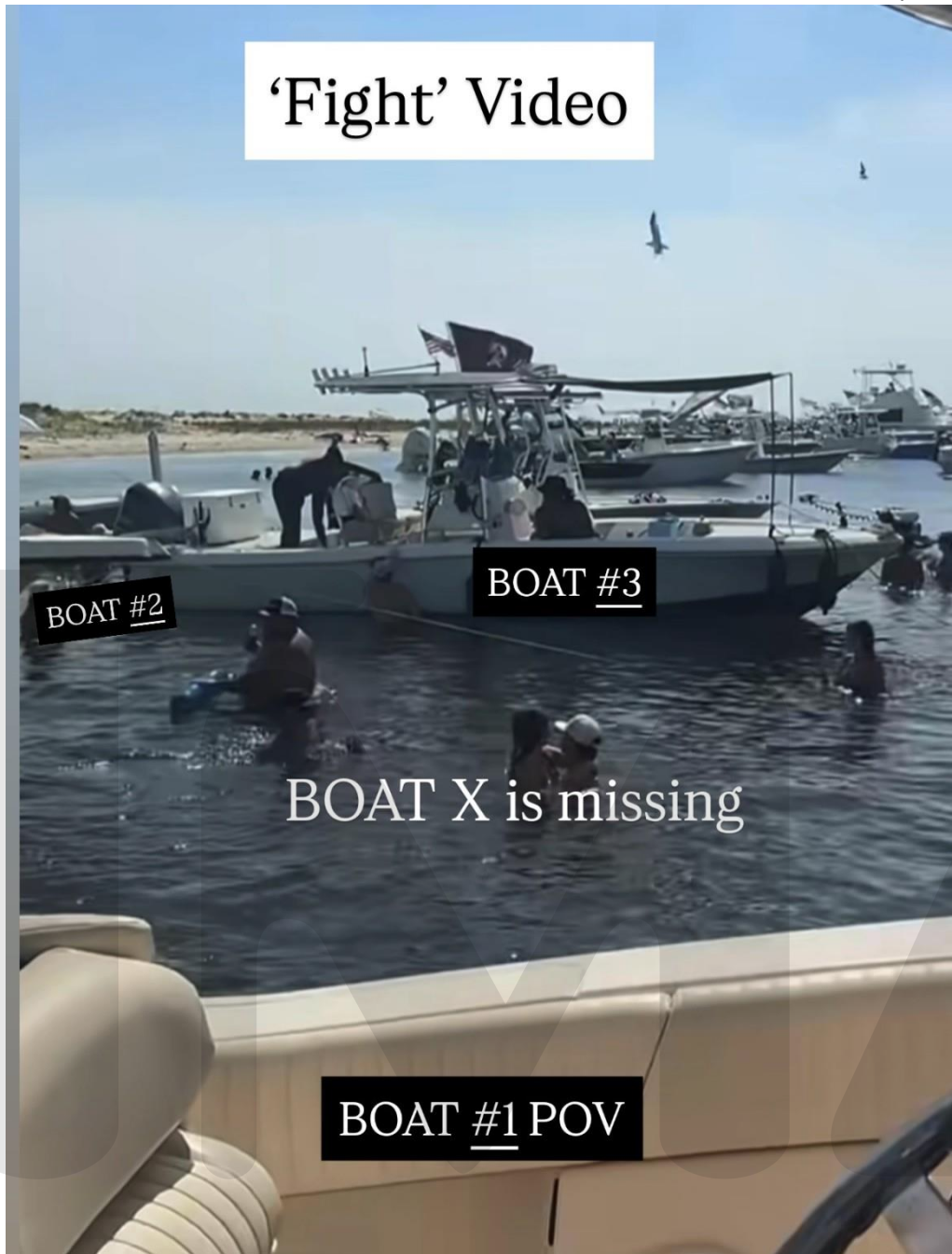


Plate A2. "Fight Video" configuration annotated as Boat #1 POV, Boat #2 and Boat #3, with Boat X stated to be missing.

Appendix B — Analytical Conclusions by Question

Question	Current evidence-based answer
At what time?	The package contains a documented MDMR search-planning time of 1800 CST; social-media screen recordings showing ~3:23 and ~4:27; social-media claims around 5:00 and 7:30; and the user-supplied 1631 departure of the boat on which Nolan arrived at Horn Island. The original-event timestamp for most imagery remains unauthenticated.
Which boats were present?	Source annotations identify Boat #1, Boat X, Boat #2, Boat #3, Palm Beach and Triton in overlapping visual configurations. Vessel registration identities are not independently established in the supplied package.
Which boats moved?	Boat X is annotated as present in one configuration and missing in another. Frontier Bay / Boat #2 is no longer in its earlier/original position in the supplied 1650 photograph, consistent with the fight-video still. These observations support configuration changes, but exact movement times remain unresolved.
When did they move?	Frontier Bay / Boat #2 had changed from its earlier/original position by 1650 if the supplied photograph time is authenticated. The exact minute of movement is not established. Original file timestamps and vessel tracks are required.
Who was aboard them?	The source annotations identify Nolan on Triton and Warren on Palm Beach in particular images, but no complete authenticated occupant roster is supplied.
When did the Triton begin taking on water?	Not established by the supplied evidence.
What happened between the last corroborated sighting and 1631?	This remains the principal unresolved interval. The 3:23/4:27 media may be critical if authenticated, but the package does not yet provide a continuous chain of observation.

Bottom line: The geospatial evidence strongly ties the MDMR/origin-vessel datum to the supplied 30°14'37.6" N / 88°46'37.7" W map point. The visual record also documents a changing vessel configuration. But the decisive chronology — Nolan's location and interactions immediately before 4:31 p.m., the exact movement of the relevant vessels, and the onset of Triton water ingress — remains incomplete. Those are the facts that should drive the next evidence collection effort.