

MASTER DIGITAL FORENSIC & COMPARATIVE ANALYSIS

Authentication, Technical Integrity, & Payload Analysis (Updated with Control Test)

Subject Matter:	Comparative structural and cryptographic analysis of 4 email transmissions to determine authenticity of purported "July" records.
Date of Analysis:	August 9, 2026
Evidence Examined:	1. Transmission Alpha: Pam Allen inline forwards (Aug 4). 2. Transmission Beta: Everette Bacon inline forwards (Aug 6). 3. Control Test (Gamma): Verified authentic forwarded email (Aug 9).

1. Executive Summary

A comprehensive forensic examination and comparative analysis were conducted on two separate sets of email transmissions submitted as evidence by NFB executive officers (Pam Allen and Everette Bacon). Both claimed to provide historical proof of committee notices from July 23, July 29, and July 31, 2026. To determine the technical veracity of these submissions, an authentic, system-generated "Control Test" email was forwarded and analyzed through the identical MxToolbox RFC822 Parser utilized on the submitted evidence.

The comparison definitively proves that Transmissions Alpha and Beta are unauthenticated, manually fabricated text templates utilized to generate false organizational records. They entirely lack the cryptographic tethers dynamically generated by standard mail servers during an authentic forwarding event, as demonstrated by the Control Test.

2. The Control Test (Verified Authentic Forward)

On August 9, 2026, an authentic email was forwarded and processed through the MxToolbox RFC822 Header Analyzer. When an email client natively replies to or forwards a real message, the SMTP server automatically grabs the unique, unalterable Message-ID of the original email and embeds it into the transport envelope of the new email.

The forensic output of the Control Test reveals two absolutely critical lines of metadata generated by the mail server:

CRYPTOGRAPHIC TETHERS (Found in Control Test):
References: <882955519.2312675.1723249339798@mail.yahoo.com>
In-Reply-To: <882955519.2312675.1723249339798@mail.yahoo.com>

Significance: These headers create an unbreakable, cryptographic chain of custody. They prove that the original email existed on the server prior to being forwarded. A forward cannot be considered authentic without this historical metadata.

3. Analysis of Transmissions Alpha & Beta (Fabricated Submissions)

In stark contrast to the Control Test, the submissions provided by First Vice President Pam Allen (Transmission Alpha) and 2nd Vice President Everette Bacon (Transmission Beta) completely fail technical authentication for the purported original senders.

A. Complete Absence of RFC 822 Cryptographic Tethers

While the outer transport envelopes passed SPF/DKIM for the dates they were sent (August 4 and August 6), the underlying "July" messages exist strictly as unauthenticated, manually typed inline text. The MxToolbox analysis

confirmed that zero historical metadata, zero server routing hops, and zero References or In-Reply-To headers point back to July 23, July 29, or July 31.

B. Shared Typographical & Composition Anomalies (The "Smoking Gun")

Because the emails were not natively forwarded but rather manually typed into an unencrypted body section, they exhibit severe human composition errors that automated servers do not make:

1. Shared Master Template Error (Found in BOTH Alpha & Beta):
Both officers' submissions contained the exact same manual typo: "If I don't do not hear from you". This proves they copied from the exact same fabricated master text template.
2. The Copy-Paste Collision (Transmission Beta - Everett Bacon):
Bacon's purported July 29 notice contains a catastrophic structural collision resulting from hasty copy-pasting:
"...call my mobile phone 801-631-8108. Best,Hello Mr. harris, I am writing to you..."
The sign-off ("Best,") crashed directly into the pasted greeting ("Hello Mr. harris,"), confirming this is exclusively a human editing error, not an automated email generation.

4. Comparative Cross-Examination Matrix

Forensic Indicator	Authentic Control Test (Aug 9)	Transmissions Alpha & Beta (Aug 4 & Aug 6)	Evidentiary Impact
Cryptographic Tethers	PRESENT (References and In-Reply-To headers populated).	ABSENT (Zero tethering headers linking back to the claimed July dates).	Proves Alpha & Beta were brand-new emails with text pasted into the body, not actual forwards.
Original Metadata	PRESENT (Retains independent structure and server tracking).	ABSENT (Strictly unauthenticated inline text blocks).	Zero technical evidence exists proving transmission on July 23, 29, or 31.
Composition Flow	Clean, server-generated visual and structural separation.	Catastrophic errors (e.g., "Best,Hello Mr. harris", double negatives).	Demonstrates real-time manual drafting and copying from a shared, flawed template.

FINAL EVIDENTIARY CONCLUSION

Based on the totality of the digital forensic data, structural analysis, and comparative cross-examination utilizing the authentic Control Test, it is the definitive conclusion of this review that the July 23, July 29, and July 31 emails do not exist as historical transmissions.

The Control Test proves that authentic forwards automatically generate unalterable cryptographic tethers (References and In-Reply-To headers) tying the forward to an original server event. The complete absence of these tethers in the submissions by Pam Allen and Everett Bacon, coupled with the catastrophic copy-paste collisions and shared typographical errors, proves beyond a reasonable doubt that these documents constitute deliberate, coordinated fabrications designed to manufacture a false procedural timeline.