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United States District Court  
Northern District of California

UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

IN RE GOOGLE PLAY STORE  
ANTITRUST LITIGATION

Case No. [21-md-02981-JD](#)

**FINDINGS OF FACT AND  
CONCLUSIONS OF LAW RE  
CHAT PRESERVATION**

During discovery in this multidistrict litigation (MDL) case, plaintiffs obtained information indicating that Google did not adequately preserve communications that were exchanged internally on its Chat message system. Plaintiffs say that this shortfall was intentional and deprived them of material evidence. They have requested sanctions under Federal Rule of Civil Procedure 37(e). Dkt. No. 349.<sup>1</sup> After substantial briefing by both sides, and an evidentiary hearing that featured witness testimony and other evidence, the Court concludes that sanctions are warranted.

**BACKGROUND**

The MDL action involves multiple antitrust cases challenging Google’s Play Store practices as anticompetitive. The plaintiffs are Epic Games, Inc., Case No. 20-cv-05671-JD; the consumer plaintiffs, Case No. 20-cv-05761-JD; the Attorneys General of 38 states and the District of Columbia, Case No. 21-cv-05227-JD; and the Match Group plaintiffs, Case No. 22-cv-02746-

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<sup>1</sup> Unless otherwise stated, all docket number references are to the ECF docket for the multidistrict litigation case, Case No. 21-md-02981-JD. This order will be filed in unredacted form on the public docket, except for certain employee names which are redacted below. Other sealing requests made in connection with these proceedings will be resolved by a separate order.

1 JD.<sup>2</sup> An action by software developers was filed and is in the process of settling on a class basis,  
2 Case No. 20-cv-05792-JD, and the developer plaintiffs are not part of these proceedings.  
3 Plaintiffs allege that Google illegally monopolized the Android app distribution market by  
4 engaging in exclusionary conduct, which has harmed the different plaintiff groups in various  
5 ways.

6 Even before the MDL was instituted, the Court directed the parties to coordinate discovery  
7 with an eye toward containing costs and burdens. This was largely successful and the parties have  
8 managed to work things out, with one major exception. In April 2021, plaintiffs asked Google  
9 about a curious lack of Chat messages in its document productions. In October 2021, Google said  
10 that Google Chats are typically deleted after 24 hours, and that Google had not suspended this  
11 auto-deletion even after this litigation began. Google chose instead to let employees make their  
12 own personal choices about preserving chats.

13 This decision raised obvious questions that were presented to the Court in a joint statement  
14 in May 2022. Dkt. No. 258. With the Court's consent, plaintiffs filed a motion for sanctions  
15 under Rule 37 in October 2022, which resulted in substantial briefing by each side, including the  
16 filing of declarations and other written evidence. *See* Dkt. Nos. 340, 349, 367, 373.

17 The parties disagreed about a number of factual issues, and the Court was unwilling to  
18 resolve the disputes on a dry record. Consequently, the Court held an evidentiary hearing over  
19 two days in January 2023. Dkt. Nos. 375, 384, 420. The Court received documentary evidence,  
20 heard testimony by Google employees Genaro Lopez, Jamie Rosenberg, and Andrew Rope, and  
21 took closing arguments by the parties. Dkt. Nos. 415, 440. This record was supplemented by a  
22 transcript of the deposition of former Google employee Tian Lim, Dkt. No. 449, and many follow-  
23 up submissions, *see, e.g.*, Dkt. Nos. 428, 429, 431, 432. At the Court's direction, Google  
24 produced to plaintiffs in February 2023 approximately 52,271 additional chats, after which both  
25 sides filed supplemental briefs addressing this new evidence. Dkt. Nos. 454, 463, 464. Overall,

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28 <sup>2</sup> The Match Group plaintiffs are Match Group, LLC; Humor Rainbow, Inc.; PlentyofFish Media ULC; and People Media, Inc.

1 the Court has obtained a thorough and highly detailed record with respect to Google’s Chat  
2 preservation conduct.

3 The Court makes the ensuing findings of fact and conclusions of law pursuant to Federal  
4 Rule of Civil Procedure 52(a). The findings and conclusions are based on the evidence admitted  
5 at the hearing and filed on the docket by the parties; the Court’s observation of the demeanor,  
6 credibility, and candor of the witnesses; and the arguments of the parties at the hearing and in their  
7 post-hearing filings.

## 8 FINDINGS OF FACT

### 9 I. GOOGLE IS A FREQUENT AND SOPHISTICATED LITIGATION PARTY

10 1. Google is a well-known and “really big” company that is “in the public eye.” It is  
11 frequently a party to government proceedings and private litigation. Dkt. Nos. 418 & 446 (Hrg.  
12 Tr.) at 70:9, 102:11-22.

13 2. Google employees are no strangers to document production and discovery  
14 obligations. At any given time, Google has thousands of employees who are under a litigation  
15 hold for document preservation. Hrg. Tr. at 60:23-61:2, 102:17-22.

16 3. Google employee Jamie Rosenberg testified that he had been “placed under many  
17 litigation holds over [his] time at Google,” and he did not recall a time in his last five or six years  
18 there when he personally was not under at least one litigation hold. Hrg. Tr. at 99:4-10.

19 4. Former employee Tian Lim, who worked at Google for over five years through  
20 early January 2023, testified that the litigation hold he received for this case “was probably one of  
21 at least ten or more other litigation holds that I was on.” Dkt. No. 449-1 (Lim Depo. Tr.) at 6:25-  
22 7:9, 20:22-21:3.

### 23 II. GOOGLE TRAINS EMPLOYEES TO “COMMUNICATE WITH CARE”

24 5. Google employees receive training to “Communicate with Care.” Hrg. Tr. at  
25 101:23-25. These are live group trainings to teach Google employees how to handle written  
26 communications. The trainings are presented by lawyers, with presentation slides. *Id.* at 99:24-  
27 100:13.

1           6.       One set of training slides was received into evidence. Hrg. Exh. PX-120. The  
2 interactive training was titled, “You Said What?!: 10 Things to Ensure You Are Communicating  
3 With Care.” The first slide stated, “At Google, We are constantly in the public eye . . . and the  
4 courthouse. We often have to produce employee communications as evidence, which means your  
5 communications can become public at any time. Our communications can hurt or embarrass us as  
6 a company, or as individuals. We need to be cautious in our communications to avoid  
7 unnecessary harm. [¶] This is not about ‘hiding stuff’ or not pointing out something that may need  
8 fixing. Speaking up is a core company value. This is about being thoughtful in your  
9 communication in order to reduce the risk of unintended harm to Google and/or you.” *Id.* at  
10 GOOG-PLAY-005029850.

11           7.       “Rule 03” in the training was to “Avoid Communicating When Angry or Tired.”  
12 *Id.* at GOOG-PLAY-005029855. It gives the example of a fictional Google employee, Echo, who,  
13 after “working all night” on a new product, has decided to write an email to the team lead “before  
14 calling it a night[,] and wants you to take a look at it before sending it.” *Id.* at GOOG-PLAY-  
15 005029856. The team lead “took the night off to attend a basketball game,” and Echo’s draft  
16 email ends with the line, “Could have really used your help tonight. Hope you enjoyed the game.”  
17 *Id.* The training asks, “What do you think you should tell Echo to do?” It gives four possible  
18 options: (1) “Send the email”; (2) “Don’t send the email now. Send it in the morning”; (3) “Talk  
19 to the team lead in the morning”; and (4) “Don’t send the email. Chat ‘off the record’ via  
20 Hangouts instead.” *Id.*

21           8.       In a later slide, Option 4 (“Don’t send the email. Chat ‘off the record’ via  
22 Hangouts instead.”) is marked red as a discouraged option, rather than green, like Options 2 and 3.  
23 *See id.* at GOOG-PLAY-005029858. A pop-up box provides this commentary about Option 4:  
24 “Better than sending the email, but not without risk. While ‘off the record’ Hangout chats  
25 between individual corporate accounts are not retained by Google as emails are, any chat  
26 participant may save the conversation by simply copying and pasting it into a doc or email -  
27 something Echo’s team lead might choose to do in order to discuss the appropriateness of that  
28 middle-of-the-night chat with Echo and HR in the morning.” *Id.* at GOOG-PLAY-005029860.

1 The apparent concern is that the chat might then be retained for a much longer period of time than  
2 off-the-record chat messages usually are.

3 9. The “Communicate with Care” training gave specific instructions to Google  
4 employees about strategies for seeking to make their emails and other communications “protected  
5 by the attorney-client privilege.” *Id.* at GOOG-PLAY-005029877. Employees were advised that  
6 “You must include an attorney in the address” of an email, and, “In addition to addressing it to an  
7 attorney and labeling it as such, for the email to be attorney-client privileged, it must be for the  
8 purposes of getting legal advice.” *Id.* at GOOG-PLAY-005029882.

9 10. To complete the training, Google employees were required to certify that “you have  
10 fully reviewed, understand and are responsible for applying the advice and guidelines provided in  
11 this training to your interactions, responsibilities, and work at and for Google.” *Id.* at GOOG-  
12 PLAY-005029900.

13 11. Google employees took the Care training to heart. In multiple instances, internal  
14 communications actively expressed concerns about the possibility of disclosure in litigation and  
15 the risks of preserving Chats. *See, e.g.*, Hrg. Exh. PX-9 at GOOG-PLAY-007653956 (“Comment  
16 freely but please be aware that this doc is not privileged. For anything sensitive, please move to  
17 Chat / video call.”); Dkt. No. 468, Ex. 8 (“are we allowed to talk about Runway here?,” “that’s a  
18 good question. i would say, if you talk about it, communicate with care - assume anything you say  
19 here will be subject to discovery if there are any regulatory or legal proceedings at some point in  
20 the future. group chats (like this one) aren’t transient and you can’t turn off history (unlike 1:1  
21 chat threads where you can turn off history and they disappear in 24 hours”); *id.*, Ex. 19 (“should  
22 we have history off for this? . . . I think our chats about google products are more likely to come  
23 up in court”; “Right now it doesn’t feel risky. But just communicate with care.”); *id.*, Ex. 20  
24 (“Since history is turned on, be mindful of putting anything discoverable here”); *id.*, Ex. 23 (“just  
25 a reminder if you use privileged and confidential in emails an attorney must be in the To line”;  
26 “wondering what is the best way to update the team about confidential topics without having to  
27 include an attorney in all comms”; “History has to be off I believe”; “yes with history off  
28 everything gets wiped . . . but it does exist for 24-48 hrs so if super sensitive you need to use GVC

1 because they could look at your recent ping history and that could go into court[,] also hopefully it  
2 won't come to this for any of us."); *id.*, Ex. 27 ("please do not share sensitive information here  
3 where possible . . . Until we fix the room architecture, content here is searchable/discoverable  
4 within the corp."). At Google, the terms "history on" and "on the record" were used  
5 interchangeably to mean the same thing. Hrg. Tr. at 29:8-12.

### 6 **III. GOOGLE CHAT**

7 12. Google Chat is a "communications instant messaging tool" that allows users to  
8 send each other text messages. Hrg Tr. at 18:23-19:3. In effect, it is Google's in-house IM  
9 platform. This order focuses on Google's internal use of Chat, and its preservation practices for  
10 Chat messages sent on the platform by Google employees.

11 13. Google Chats can take the form of one-on-one chats, Hrg. Tr. at 20:8-11; group  
12 chats involving three or more people, *id.* at 21:14-16; or "rooms and spaces," which are "topic- or  
13 project-based type[s] of conversations that are specifically oriented around a particular item or  
14 subject matter," *id.* at 23:5-11. A "threaded room" is a room with a general topic, where its  
15 members can have "threaded" conversations about various sub-topics. *Id.* at 23:17-24:3; Hrg.  
16 Exh. DXCH-106.

17 14. Google Chat is an essential tool used daily by Google employees. Jamie  
18 Rosenberg testified that he "use[s] Chat every day." Hrg. Tr. at 99:23. Tian Lim also testified that  
19 he used Chat "probably every working day." Lim Depo. Tr. at 8:22-25.

20 15. There are no restrictions on the content and topics on Chat. Hrg. Tr. at 47:2-10  
21 (Chat can be used for "[a]nything under the sun that [employees] want to communicate.")).  
22 Messages are not limited by size or number of characters. Chat is a versatile tool that allows users  
23 to attach lengthy documents to a message. *Id.* at 63:19-23.

24 16. "History" can be turned "on" or "off" by users for a particular Chat. *See, e.g.*, Hrg.  
25 Exh. DXCH-107. History is off by default for all Chats among Google employees with the sole  
26 exception of threaded rooms. Hrg. Tr. at 53:21-23.

27 17. Different types of Chats have different default retention periods. Under Google's  
28 standard retention policy, one-on-one Google Chats with history off are retained for 24 hours only.

1 Hrg. Tr. at 26:21-27:8; Hrg. Exh. DXCH-1. After the 24 hours, the Chats are deleted forever and  
2 cannot be recovered. Hrg. Tr. at 52:25-53:6. One-on-one chats with history on are retained for 30  
3 days. *Id.* at 27:9-17; Hrg. Exh. DXCH-1. History-on chats in a group conversation or “flat (non-  
4 threaded) room” are retained for 18 months. *Id.*; Hrg. Tr. at 31:11-13. For chats in a threaded  
5 room, history is “always on and can’t be turned off,” and these messages are also retained for a  
6 period of 18 months. Hrg. Tr. at 31:14-23; Hrg. Exh. DXCH-1.

7 18. Each Google employee has a corporate Gmail account for email, and if a litigation  
8 hold is not in place, emails in an employee’s Gmail account are retained for 18 months unless the  
9 user has tagged them for “Indefinite” retention. Hrg. Tr. at 17:22-18:22.

10 19. An employee has several options to preserve a Chat for longer than its default  
11 retention period. She can “turn on history” for a Chat in a menu option. The “history on” setting  
12 applies to all messages sent in a Chat after the history button has been toggled, and that Chat’s  
13 history will stay on until manually turned off. Hrg. Tr. at 28:11-29:21; Hrg. Exh. DXCH-107.

14 20. A Google employee can also retain Chat messages with the “Forward to inbox”  
15 feature. The feature “allows a user to select an individual message and up to four preceding  
16 messages and send those to their e-mail inboxes for longer-term archiving.” Once in the user’s  
17 personal Gmail inbox, the chats would be “subject to the 18-month default retention period.” Hrg.  
18 Tr. at 29:23-31:2; Hrg. Exh. DXCH-108.

19 21. Another preservation option entails copying and pasting the chat into a document  
20 saved to the employee’s Google Drive. Items in an employee’s Google Drive remain on Google’s  
21 systems “indefinitely unless removed by the Googler themselves.” Hrg. Tr. at 17:3-8, 55:16-21.

22 22. Google’s information governance lead, Genaro Lopez, testified that the retention  
23 policy for Google Chats is animated by the goals of protecting privacy, reducing the cost of  
24 storage, guarding against cybersecurity risks, and promoting employee productivity and  
25 efficiency. Hrg. Tr. at 25:17-26:20. But with respect to storage, Lopez was not aware of “any  
26 kind of an analysis or study to figure out how expensive it would be or how burdensome it would  
27 be to preserve chats,” even just for this case. *Id.* at 76:25-77:8.

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1           23.     Lopez testified that Google Chat was “typically” used for “quick, one-off”  
2 questions like an invitation to grab coffee, or for “sensitive,” personal topics like “birth  
3 announcements” or “promotion[s].” Hrg. Tr. at 19:8-25. Google has generally pressed the  
4 suggestion in its briefs that Chat was primarily a social outlet akin to an electronic break room.

5           24.     The record demonstrates otherwise. An abundance of evidence establishes that  
6 Google employees routinely used Chat to discuss substantive business topics, including matters  
7 relevant to this antitrust litigation. *See, e.g.*, Hrg. Tr. at 92:19-93:4 (Rosenberg email stating to  
8 another Google employee, “You mentioned in our IM chat yesterday that Samsung broached the  
9 topic of asking for rev share on the Play Store.”); Hrg. Exh. PX-16 (Rosenberg chat thread with  
10 other Google employees discussing, vis-à-vis- Samsung, issues such as “get[ting] sample builds  
11 for all the configurations contemplated in our waiver so we can validate placement,” “start[ing]  
12 the [MADA] signing process” with Samsung; and “CTS approval and device approval”); Hrg. Tr.  
13 at 97:16-18 (Rosenberg acknowledging that the conversation he had over Google Chat in Exhibit  
14 PX-16 “includes discussions about business topics”); Lim Depo. Tr. at 9:2-10:11 (“[o]ccasionally  
15 there were some more substantive conversations” over Google Chat); *id.* at 26:22-25 (Lim “most  
16 likely” personally used Google Chat for “substantive business communications”); *id.* at 27:22-  
17 29:4 (“many of the colleagues that [Lim] discussed business with over chat had responsibility over  
18 Google Play and Android”); *see also* Dkt. No. 468 (plaintiffs’ supplemental brief) at 2-5  
19 (providing numerous examples of Chats discussing “topics at the heart of this case,” such as  
20 Revenue Share Agreements, Mobile App Distribution Agreements (MADAs), and Google Play  
21 Billing and Google’s supracompetitive commission).<sup>3</sup>

#### 22 **IV.     GOOGLE’S CHAT PRESERVATION PRACTICES IN THIS CASE**

23           25.     When Google becomes involved in a lawsuit, it undertakes “an investigation to  
24 understand what the case generally deals with and identify individuals that may possess potentially  
25 relevant information,” and then it “issue[s] a legal hold.” Hrg. Tr. at 109:11-18.

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<sup>3</sup> MADAs and their importance to the claims in the MDL are discussed in Paragraph 34.



1           26.     While a legal hold is in place, “email data or Gmail data is preserved,” as are  
2 “Google Workspace files, which includes Docs, Sheets, Slides; and also Google Drive content,  
3 which can include other file types.” Hrg. Tr. at 110:3-8.

4           27.     For this case, the “initial notice and hold was put in place in September of 2020,”  
5 and four reminders have been sent since then. Hrg. Tr. at 113:9-15. It is Google’s standard  
6 practice to “send reminders about every six months.” *Id.*

7           28.     Approximately 360 individuals are subject to the legal hold for this case, about 40  
8 of whom have been designated as custodians. Hrg. Tr. at 113:16-21.

9           29.     Google has the technical ability to set Chat history to “on” as the default for all  
10 employees who are subject to a legal hold, but it chooses not to. Hrg. Tr. at 43:22-43:4, 58:19-24.  
11 Google has preserved all Chat messages that had history toggled on, *id.* at 44:12-17, 55:2-4, but  
12 for any Chat where history was off, Google left it up to each individual hold recipient to decide  
13 which, if any, of those one-on-one or group chats should be preserved, *id.* at 45:20-46:7, 55:11-15.

14           30.     The litigation hold recipients were (1) instructed not to use Google Chat to “discuss  
15 any topics that are related to their legal hold,” and (2) told that “if they do find themselves in a  
16 conversation that strays into a topic related to the legal hold, they’re asked to turn history on at  
17 that point to make sure that those messages are properly preserved.” Hrg. Tr. at 43:4-20.

18           31.     A “Google Chat Retention FAQs” document that is internally available to all  
19 Google employees also advises that the “History ON setting” should be used “[w]hen you are  
20 discussing a topic identified in any legal hold notice you’ve received.” Hrg. Exh. DXCH-2; Hrg.  
21 Tr. at 34:7-35:1.

22           32.     Google did not check to see if custodians were actually preserving relevant Chats  
23 as directed by the hold notice, and did nothing in the way of auditing or monitoring Chat  
24 preservation. Hrg. Tr. at 46:8-17. There is no evidence establishing that Google did any  
25 individualized follow-up on Chat preservation with the hold recipients, including those designated  
26 as custodians. *See, e.g., id.* at 121:17-20.

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1 **V. HOW EMPLOYEES RESPONDED**

2 33. Overall, the record demonstrates that Google employees who received a litigation  
3 hold in this case were unable or unwilling to follow the Chat preservation instructions, and  
4 sometimes disregarded the instructions altogether.

5 34. Jamie Rosenberg is now a part-time advisor at Google but was previously a vice  
6 president “running a strategy team for [Google’s] platforms and ecosystems organization.” Hrg.  
7 Tr. at 78:20-79:3. He received a hold notice for this case and was deposed. *Id.* at 103:11-21. He  
8 testified that he had Chat history off during his entire time at Google, including when he was  
9 deposed, and has “not done anything to preserve chats for this litigation.” *Id.* at 103:8-17. When  
10 asked if he knew if “MADAs are at issue in this case or not,” he responded that he is “not familiar  
11 with the specific details of the case,” and he cannot say “in detail” “what topics are and are not  
12 relevant to this case.” *Id.* at 89:18-23. A MADA is a Mobile App Distribution Agreement, and it  
13 is, according to plaintiffs, a “principal subject” of their claims. Dkt. No. 468 at 3. “The MADAs  
14 are contracts that Google requires OEMs to enter into to license Google Mobile Services, a suite  
15 of proprietary Google applications and APIs that includes the Google Play Store, Google Search,  
16 Gmail, YouTube, and Google Maps, among others.” *Id.* Epic’s complaint alleges, for example,  
17 that “[t]hrough its MADAs with Android OEMs, Google requires OEMs to locate the Google Play  
18 Store on the ‘home screen’ of each mobile device. Android OEMs must further pre-install up to  
19 30 Google mandatory apps and must locate these apps on the home screen or on the next screen,  
20 occupying valuable space on each user’s mobile device that otherwise could be occupied by  
21 competing app stores and other services. These requirements ensure that the Google Play Store is  
22 the most visible app store any user encounters and place any other app store at a significant  
23 disadvantage.” Case No. 20-cv-05671-JD, Dkt. No. 166 ¶ 91.

24 35. Rosenberg’s testimony highlighted a fundamental problem with Google’s approach  
25 to Chat preservation. Google left employees largely on their own to determine what Chat  
26 communications might be relevant to the many critical legal and factual issues in this complex  
27 antitrust litigation. A lawyer working on this case would know that MADAs are relevant. Jamie  
28 Rosenberg did not.

1           36. Tian Lim, who worked in the Google Play product area during the entire period of  
2 his 5-year employment with Google, also received a legal hold notice for this litigation. Lim  
3 Depo. Tr. at 20:9-16, 25:21-24. Lim believed that he understood the document preservation  
4 instructions in the hold notice, and his “interpretation was that if there was substantive information  
5 in chat that I should ensure the information was preserved.” *Id.* at 20:17-21:18. He thought that  
6 he had complied with this instruction by cutting and pasting chat messages into his own personal  
7 document, “but probably more often I would make sure that the information was funneled into the  
8 right documents, the right comments in other documents, to make sure that the right stakeholders  
9 would actually see it, integrate those thoughts, and action on them.” *Id.* at 21:19-22:8. In effect,  
10 Lim believed that he could comply with Google’s document preservation obligations by creating  
11 and preserving a summary of a substantive business communication rather than preserving the  
12 actual communication itself. *Id.* at 36:5-19, 37:25-38:15.

13           37. Lim knew that his chats were not going to be automatically preserved because  
14 Google employees “were generally aware that chats would disappear after 24 hours,” but he did  
15 not “ever turn history on in the chat program to save any chat conversations.” *Id.* at 22:9-12,  
16 38:16-39:6. Lim testified that the thought process that he might need to save something that was  
17 said because he was subject to a legal hold simply “doesn’t occur because, as I said, I’m under so  
18 many legal holds, it’s impossible to think that way.” *Id.* at 40:23-41:6.

19           38. Chats produced by Google in February 2023 pursuant to the Court’s order provided  
20 additional evidence of highly spotty practices in response to the litigation hold notices. The  
21 ensuing Chat exchange between two Google employees, Dkt. No. 468, Ex. 4, is representative.  
22 The Court has anonymized the exchange to spare the employees undue attention. It is Google’s  
23 preservation obligation and conduct that is the focus here.

United States District Court  
Northern District of California

1 Sent: Thur 3/17/2022 3:26:31 PM (UTC)  
From: [REDACTED]@google.com  
2 To: [REDACTED]@google.com, [REDACTED]@google.com  
Subject: AAAA4RKG7pM-MBI-FLAT:2022-03-16T20:26:30.092879

3 eth [REDACTED]@google.com 2022-03-17T15:26:30.092Z

4 As we are talking about RSA, I have turned on history as per policy.

5 mar [REDACTED]@google.com 2022-03-17T15:33:15.718Z

6 Hi Ethan, can you let me know what the policy you're referring to?

7 mar [REDACTED]@google.com 2022-03-17T15:33:23.807Z

8 I'd prefer to have history off

9 eth [REDACTED]@google.com 2022-03-17T15:33:45.555Z

10 legal/comp can confirm but anything convo regarding RSA i have to have history on

11 mar [REDACTED]@google.com 2022-03-17T15:33:45.830Z

12 I talk about RSA related things all day and I don't have history on for all my chats :)

13 eth [REDACTED]@google.com 2022-03-17T15:33:58.371Z

14 we cannot delete it. I am also on multiple legal hold

15 mar [REDACTED]@google.com 2022-03-17T15:34:02.578Z

16 Ok maybe I take you off this convo 😊

17 mar [REDACTED]@google.com 2022-03-17T15:34:08.567Z

18 As am I...

19 eth [REDACTED]@google.com 2022-03-17T15:35:12.807Z

20 sry why do you prefer to have history off? i think we should have record of our convo so there are no  
21 miscomm/understanding no?

22 mar [REDACTED]@google.com 2022-03-17T15:35:26.447Z

23 I can ping Marie and Michael separately. Included you for visibility

24 mar [REDACTED]@google.com 2022-03-17T15:35:41.445Z

25 Yes I do prefer history off

26 eth [REDACTED]@google.com 2022-03-17T15:37:01.904Z

27 pls keep BD team (me) included on any convo regarding Nothing RSA planning

28 eth [REDACTED]@google.com 2022-03-17T15:37:32.226Z

i can send an official email to confirm regarding history but that was the training i had received

mar [REDACTED]@google.com 2022-03-17T15:39:11.475Z

United States District Court  
Northern District of California

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Of course I'll keep you included. But sounds like we have to keep history on in this convo specifically. But not in our 1:1 chats about RSAs or my 1:1 chats with Marie/Michael about RSAs

mar [REDACTED]@google.com 2022-03-17T15:39:18.856Z

So that's why I'd prefer to move away from this group chat

mar [REDACTED]@google.com 2022-03-17T15:39:42.832Z

It's just causing more touchpoints on my end but I respect you following your training

eth [REDACTED]@google.com 2022-03-17T15:40:36.082Z

ty :) if you feel uncomfortable with history being on here, i understand.

eth [REDACTED]@google.com 2022-03-17T15:41:01.592Z

but even if history is off here, these are all saved on servers anyway

mar [REDACTED]@google.com 2022-03-17T15:44:15.150Z

Thanks [REDACTED]!

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United States District Court  
Northern District of California

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39. In another chat, an employee said he or she was “on legal hold” but that they preferred to keep chat history off, Dkt. No. 468, Ex. 24:

**Sent:** Thur 12/8/2022 5:52:34 PM (UTC)  
**From:** [REDACTED]@google.com  
**To:** [REDACTED]@google.com, [REDACTED]@google.com  
**Subject:** ITAOBEAAAAE-MBI-FLAT:2022-12-07T22:52:33.612671

ott [REDACTED]@google.com 2022-12-08T17:52:33.612Z

Sounds good!

ott [REDACTED]@google.com 2022-12-08T17:52:36.138Z

I'll keep Jan in mind

div [REDACTED]@google.com 2022-12-08T17:52:49.955Z

I am on legal hold

ott [REDACTED]@google.com 2022-12-08T17:52:56.632Z

(making a note via turning on history)

div [REDACTED]@google.com 2022-12-08T17:52:56.898Z

Prefer to keep chat history off

ott [REDACTED]@google.com 2022-12-08T17:53:01.560Z

i'll turn off

**VI. GOOGLE IS NOW PRESERVING GOOGLE CHATS FOR THIS ACTION**

40. Google represented to the Court in a filing on February 7, 2023, that it “will turn the history setting to ‘on’ for Google Chat, on an interim basis, for all 383 employees who have received a legal hold in this case. These employees will not have the ability to change history to ‘off.’ Google will meet and confer with Plaintiffs regarding which of these 383 legal hold recipients are the ‘core set of relevant custodians’ for which this setting should remain and then report back to the Court.” Dkt. No. 448 at 1.

1 **CONCLUSIONS OF LAW**

2 The new version of Rule 37(e), which was added to the Federal Rules of Civil Procedure in  
3 2015, and the Advisory Committee Notes to the 2015 Amendment (Comm. Notes), are the  
4 touchstones guiding the Court’s conclusions. Rule 37(e) provides:

5 **(e) Failure to Preserve Electronically Stored Information.** If  
6 electronically stored information that should have been preserved in the  
7 anticipation or conduct of litigation is lost because a party failed to take  
reasonable steps to preserve it, and it cannot be restored or replaced through  
additional discovery, the court:

- 8 (1) upon finding prejudice to another party from loss of the information,  
9 may order measures no greater than necessary to cure the prejudice;  
or  
10 (2) only upon finding that the party acted with the intent to deprive  
11 another party of the information’s use in the litigation may:  
12 (A) presume that the lost information was unfavorable to the party;  
13 (B) instruct the jury that it may or must presume the information was  
unfavorable to the party; or  
14 (C) dismiss the action or enter a default judgment.

15 Fed. R. Civ. P. 37(e).

16 The Committee Notes for Subdivision (e) state that the rule embodies the “common-law  
17 duty” of “potential litigants . . . to preserve relevant information when litigation is reasonably  
18 foreseeable.” The parties do not dispute that Google bore that duty as of August 2020, when the  
19 first constituent lawsuit in the MDL was filed by Epic Games. *See* Case No. 20-cv-05671-JD,  
20 Dkt. No. 1.<sup>4</sup>

21 At the heart of this dispute is a simple question: did Google do the right thing with respect  
22 to preserving Chat communications in this case? There is no doubt that Google was perfectly free  
23 to set up an internal IM service with any retention period of its choosing for employees to use for  
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25 \_\_\_\_\_  
26 <sup>4</sup> Plaintiffs made some effort at the evidentiary hearing to move this date forward by referencing  
27 document requests issued in other cases that are not a part of this MDL. *See* Hrg. Tr. at 127:17-  
28 128:4. The Committee Notes advise that “[t]he fact that a party had an independent obligation to  
preserve information does not necessarily mean that it had such a duty with respect to the  
litigation, and the fact that the party failed to observe some other preservation obligation does not  
itself prove that its efforts to preserve were not reasonable with respect to a particular case.” The  
Court focuses on the August 2020 time period for this MDL.



1 whatever purposes they liked. The overall propriety of Chat is not in issue here. What matters is  
2 how Google responded after the lawsuits were filed, and whether it honored the evidence  
3 preservation duties it was abundantly familiar with from countless prior cases.

4 The record establishes that Google fell strikingly short on that score. Several aspects of  
5 Google's conduct are troubling. As Rule 37 indicates, the duty to preserve relevant evidence is an  
6 unqualified obligation in all cases. The Court's Standing Order for Civil Cases expressly spells  
7 out the expectation that "as soon as any party reasonably anticipates or knows of litigation, it will  
8 take the necessary, affirmative steps to preserve evidence related to the issues presented by the  
9 action, including, without limitation, interdiction of any document destruction programs and any  
10 ongoing erasures of e-mails, voice mails, and other electronically-recorded material." Standing  
11 Order for Civil Cases Before Judge James Donato ¶ 8.

12 Google clearly had different intentions with respect to Chat, but it did not reveal those  
13 intentions with candor or directness to the Court or counsel for plaintiffs. Instead, Google falsely  
14 assured the Court in a case management statement in October 2020 that it had "taken appropriate  
15 steps to preserve all evidence relevant to the issues reasonably evident in this action," without  
16 saying a word about Chats or its decision not to pause the 24-hour default deletion. Case No. 20-  
17 5761, Dkt. No. 45 at 11. Google did not reveal the Chat practices to plaintiffs until October 2021,  
18 many months after plaintiffs first asked about them. *See* Dkt. No. 429 (Google's response to  
19 Court's questions) at 3 ("Google informed Plaintiffs on October 21, 2021, that it had not  
20 suspended the 24-hour retention policy for history 'off' chats."). The Court has since had to spend  
21 a substantial amount of resources to get to the truth of the matter, including several hearings, a  
22 two-day evidentiary proceeding, and countless hours reviewing voluminous briefs. All the while,  
23 Google has tried to downplay the problem and displayed a dismissive attitude ill tuned to the  
24 gravity of its conduct. Its initial defense was that it had no "ability to change default settings for  
25 individual custodians with respect to the chat history setting," Dkt. No. 427-3 ¶ 25, but evidence at  
26 the hearing plainly established that this representation was not truthful.

27 Why this situation has come to pass is a mystery. From the start of this case, Google has  
28 had every opportunity to flag the handling of Chat and air concerns about potential burden, costs,

1 and related factors. At the very least, Google should have advised plaintiffs about its preservation  
2 approach early in the litigation, and engaged in a discussion with them. It chose to stay silent until  
3 compelled to speak by the filing of the Rule 37 motion and the Court’s intervention. The Court  
4 has repeatedly asked Google why it never mentioned Chat until the issue became a substantial  
5 problem. It has not provided an explanation, which is worrisome, especially in light of its  
6 unlimited access to accomplished legal counsel, and its long experience with the duty of evidence  
7 preservation.

8 Another major concern is the intentionality manifested at every level within Google to hide  
9 the ball with respect to Chat. As discussed, individual users were conscious of litigation risks and  
10 valued the “off the record” functionality of Chat. Google as an enterprise had the capacity of  
11 preserving all Chat communications systemwide once litigation had commenced but elected not  
12 do so, without any assessment of financial costs or other factors that might help to justify that  
13 decision.

14 This is in sharp contrast to Google’s handling of email. When a litigation hold is in place,  
15 Google automatically preserves all emails from relevant custodians without requiring any  
16 individual action. Custodians cannot override the automated preservation of their emails. *See*  
17 Hrg. Tr. at 54:12-55:1. Google took the opposite course with Chat, and gave each employee carte  
18 blanche to make his or her own call about what might be relevant in this complex antitrust case,  
19 and whether a Chat communication should be preserved. The obvious danger of this approach  
20 was captured in Rosenberg’s testimony about not really knowing the issues in this litigation, and  
21 not preserving his communications. Google aggravated the situation by intentionally deciding not  
22 to check up on employee decisions to ensure that relevant evidence was being preserved. In  
23 effect, Google adopted a “don’t ask, don’t tell” policy for Chat preservation, at the expense of its  
24 preservation duties.

25 Consequently, on the record as a whole, the Court concludes that Google did not take  
26 reasonable steps to preserve electronically stored information that should have been preserved in  
27 the anticipation or conduct of litigation. Fed. R. Civ. P. 37(e). The record demonstrates that the  
28 deleted Chat evidence “cannot be restored or replaced through additional discovery.” *Id.* The

1 record also establishes intentionality for purposes of Rule 37(e)(2). The Court concludes that  
2 Google intended to subvert the discovery process, and that Chat evidence was “lost with the intent  
3 to prevent its use in litigation” and “with the intent to deprive another party of the information’s  
4 use in the litigation.” Comm. Notes, Subdivision (e)(2).

5 A prejudice finding under Rule 37(e)(1) is not strictly necessary because the finding of  
6 intent under subdivision (e)(2) supports “not only an inference that the lost information was  
7 unfavorable to the party that intentionally destroyed it, but also an inference that the opposing  
8 party was prejudiced by the loss of information that would have favored its position.” Comm.  
9 Notes, Subdivision (e)(2). It is clear in the record that relevant, substantive business  
10 communications were made on Chat that plaintiffs will never see, to the potential detriment of  
11 their case. Google says that the prejudice is limited because there are only “21 custodians for  
12 which the parties agreed to conduct limited post-Complaint discovery,” and “[f]or only 21 of the  
13 total 44 custodians, the parties agreed that Google would search for documents dated *after* August  
14 13, 2020. With respect to the remaining 23 custodians, the cut-off date was on or before August  
15 13, 2020.” Dkt. No. 429 at 5-6 (emphasis in original; internal citation omitted). The point is not  
16 well taken. The agreements between the parties were made while plaintiffs were completely in the  
17 dark about Google’s Chat practices, and the Court declines to give Google any benefit from deals  
18 made on incomplete information. In addition, prejudice for Rule 37 purposes is a matter of  
19 fairness and equity, which is why Rule 37(e) “leaves judges with discretion to determine how best  
20 to assess prejudice in particular cases.” Comm. Notes, Subdivision (e)(1). It is also not plaintiffs’  
21 burden to prove prejudice, *see id.*, but the plaintiffs’ supplemental briefs and evidence, Dkt.  
22 No. 468, certainly did so.

23 The remaining question is about the remedy. Proportionality is the governing concept  
24 here. To that end, the Committee Notes advise courts to “exercise caution,” and state that  
25 “[f]inding an intent to deprive another party of the lost information’s use in the litigation does not  
26 require a court to adopt any of the measures listed in subdivision(e)(2). The remedy should fit the  
27 wrong, and the severe measures authorized by this subdivision should not be used when the  
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1 information lost was relatively unimportant or lesser measures such as those specified in  
 2 subdivision (e)(1) would be sufficient to redress the loss.” Comm. Notes, Subdivision (e)(2).

3 The Court has already declined to issue terminating sanctions against Google. This  
 4 antitrust case will not be decided on the basis of lost Chat communications. The determination of  
 5 an appropriate non-monetary sanction requires further proceedings. The Court fully appreciates  
 6 plaintiffs’ dilemma of trying to prove the contents of what Google has deleted. Even so, the  
 7 principle of proportionality demands that the remedy fit the wrong, and the Court would like to see  
 8 the state of play of the evidence at the end of fact discovery. At that time, plaintiffs will be better  
 9 positioned to tell the Court what might have been lost in the Chat communications.

10 For monetary sanctions, it is entirely appropriate for Google to cover plaintiffs’ reasonable  
 11 attorneys’ fees and costs in bringing the Rule 37 motion, including the joint statement that  
 12 preceded the motion and the evidentiary hearing and related events. Plaintiffs are directed to file  
 13 by April 21, 2023, a statement of proposed attorneys’ fees and costs with adequate  
 14 documentation.<sup>5</sup> The parties will meet and confer on the proposal, and file a statement by May 12,  
 15 2023, indicating an agreement or identifying specific areas of disagreement for the Court to  
 16 resolve.

17 **IT IS SO ORDERED.**

18 Dated: March 28, 2023

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 23 JAMES DUNATO  
 24 United States District Judge  
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26 \_\_\_\_\_  
 27 <sup>5</sup> As with counsel fee requests in the class settlement context, declarations of counsel as to the  
 28 number of hours spent on various categories of activities related to the proceedings by each biller,  
 together with hourly billing rate information may be sufficient, provided that the declarations are  
 adequately detailed. The same goes for costs. Counsel should be prepared to submit copies of  
 detailed billing and costs records if the Court orders.