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GLOBAL MARKETS ADVISORY COMMITTEE MEETING

Commodity Futures Trading Commission New York Regional Office,
Ted Weiss Federal Building,
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30th Floor Conference Room

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1	INDEX	
2		
3	WELCOME AND OPENING REMARKS	PAGE
4	BY Mr. Jung	5
5	By Commissioner Pham	5
6	By Commissioner Mersinger	20
7	By Amy Hong	22
8	By Darcy Bradbury	22
9	RECOMMENDATION: THE IMPACT OF THE U.S. BANK	
10	CAPITAL PROPOSALS ON END USERS THAT RELY ON	
11	CLEAR DERIVATIVES MARKETS.	
12	By Kyle Glenn	23
13	By Thane Twiggs	31
14	GMAC MEMBER OPEN DISCUSSION	
15	BY Chris Perkins	36
16	By Kyle Glenn	36
17	By Thane Twiggs	37
18	GMAC MEMBER VOTE	39
19	PANEL: SWAP EXECUTION FACILITIES	
20	BY Thomas Pluta	40
21	By Scott Fitzpatrick	46
22	By Adam Lister	57
23	GMAC MEMBER OPEN DISCUSSION	
24	By Michael Winnike	65
25	BY Thomas Pluta	67

1	INDEX (CONTINUED)	
2	GMAC MEMBER OPEN DISCUSSION (CONTINUED)	PAGE
3	By Mr. Lister	67
4	BY Mr. Fitzpatrick	68
5	RECOMMENDATION: VARIATION MARGIN PROCESSES	
6	IN NON-CENTRALLY CLEARED MARKETS	
7	BY Tara Kruse	70
8	GMAC MEMBER VOTE	76
9	PRESENTATION: GLOBAL COMMODITY MARKETS	
10	BY Derek Sammann	77
11	GMAC MEMBER OPEN DISCUSSION	
12	By Steven Kennedy	97
13	By Derek Sammann	98
14	By Jacqueline Mesa	98
15	By Derek Sammann	99
16	By Thomas Sexton	100
17	By Derek Sammann	101
18	By Joseph Nicosia	102
19	By Derek Sammann	103
20	By John Murphy	105
21	BY Stuart Williams	105
22	By Derek Sammann	108
23	PRESENTATION: CFTC OFFICE OF INTERNATIONAL AFFAIRS	
24	BY Andrea Musalem	109
25		

	INDEX (CONTINUED)	
1		
2	UPDATES FROM SUBCOMMITTEES ON FUTURE AGENDA ITEMS	PAGE
3	BY Brad Tully	116
4	BY Tara Kruse	117
5	By Caroline Butler	118
6	CLOSING REMARKS	
7	BY Commissioner Pham	120
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1 P R O C E E D I N G S

2 MR. JUNG: Good morning, everyone. Thank you all
3 were joining. Welcome to the second GMAC meeting of 2024.
4 Before we begin, for the record, we have 30 of the 37 GMAC
5 members in attendance. Therefore, the GMAC -- as
6 designated -- GMAC designated federal officer, it is my
7 pleasure to call this meeting to order; since we have
8 quorum.

9 Also similar to the March meeting, after each
10 subcommittee recommendation presentation, we will hold a
11 voice vote. I would ask members to raise their hands for --
12 raise their hands for either a yes, no or an abstain.
13 Before we begin this discussion today, I would like to turn
14 to Commissioner Caroline D. Pham, the GMAC sponsor, for the
15 welcome and opening remarks followed by prerecorded virtual
16 remarks by Commissioner Mersinger.

17 The floor is yours, Commissioner Pham.

18 COMMISSIONER PHAM: Hello, everybody, and welcome
19 to the CFTC's regional New York office. It's such a
20 pleasure to see you all here in person. We try to come to
21 you and make us really accessible to the public, so I really
22 appreciate you all coming in person. I want to thank
23 everybody who's also joined online, virtually. It's great
24 to convene another Global Markets Advisory Committee meeting
25 here in New York.

1 I want to start by thanking everyone for taking
2 time to share your expertise with the GMAC today. I know
3 that a lot of time and work goes into preparing for these
4 meetings, so I also want to thank you for agreeing to serve
5 on the GMAC, and for all your efforts to develop the
6 recommendations and presentations that we will be
7 considering today.

8 I especially want to thank those who have flown
9 across oceans, or several oceans, to be here today. It's
10 the dedication of the public in engaging with the CFTC
11 that's so meaningful.

12 I especially want to recognize the GMAC's
13 leadership team: Amy Hong, Darcy Bradbury, Brad Tully,
14 Michael Winnike, Alison Lurton, Tara Kruse, Caroline Butler,
15 and Sandy Kaul for your continued stewardship of this
16 committee, and to all of the subcommittee work stream leads
17 for their tireless efforts.

18 Of course, I want to acknowledge my team, Harry
19 Jung the GMAC designated federal officer, and Nicholas
20 Elliot, the GMAC alternate designated federal officer, as
21 well as Meghan Tente and Taylor Foy for helping to make
22 today's meeting possible. And, as always, many thanks to
23 all the CFTC staff in both the New York office and our D.C.
24 headquarters, some of whom have trouble to New York today,
25 who helped to facilitate the GMAC meeting.

1 Now, one of the things I want to emphasize is that
2 the GMAC continues to deliver. We are making great progress
3 developing thoughtful recommendations and insightful work
4 product to aid the CFTC and the entire financial services
5 industry. This committee was created to examine and advise
6 on issues that affect integrity and competition in markets,
7 including global markets. And this is critically important
8 given the increasingly interconnected market environment,
9 ever changing global dynamics and emerging and innovative
10 products and tools.

11 Understandably, every jurisdiction has been making
12 different approaches and trying to get some different
13 advantages here. But I think what's important is, that we
14 continue to focus on promoting regulatory coherence and
15 mitigating market fragmentation. It's essential that we
16 examine these trends and take the necessary steps to ensure
17 that we have open access to markets while safeguarding
18 integrity.

19 In less than a year, the GMAC has adopted 11
20 recommendations on a variety of issues, including U.S.
21 Treasury market liquidity, well functioning repo and funding
22 markets, exchange volatility controls, T+1 security
23 settlement, improved collateral management, CCP default
24 simulation, streamlining trade reporting data to monitor
25 systemic risk, and a foundational taxonomy for approaching

1 digital asset regulation.

2 These recommendations provide thoughtful and
3 transparent guidance for the CFTC and our counterparts
4 around the world. For example, I've heard from various
5 international stakeholders that the digital asset taxonomy
6 is garnering attention around the globe, as various
7 jurisdictions are continuing to implement and understand how
8 to approach crypto asset regulation. This is a testament to
9 the foresight and critical thinking by this committee.

10 As the GMAC sponsor, I'm honored to help provide a
11 public venue for some of the preeminent industry experts to
12 discuss and develop these approaches to addressing the
13 biggest issues in global financial markets. I will share
14 now a brief update on the status of each of the GMAC's
15 recommendations and potential next steps, demonstrating that
16 the work of the CFTC's advisory committees has real impact
17 and value, to not only the commission, but also that the
18 GMAC is contributing to the international policy dialogue.

19 First, I want to acknowledge that the GMAC kicked
20 off with a tremendous undertaking to do a global stock take
21 of the most significant issues and challenges facing global
22 markets, which we had at our inaugural meeting last year.
23 That effort, particularly in identifying and focusing on the
24 most significant issues, not only demonstrated the alignment
25 with the agendas of the financial stability board and of

1 IOSCO, but also showed that the GMAC is truly poised to
2 contribute to international standard centers and the work
3 that they're undertaking.

4 First, beginning with the Global Market Structure
5 subcommittee, for the recommendation on new block and cap
6 sizes, which found that appropriately calibrated block and
7 cap sizes are vital to the proper functioning of derivatives
8 markets, including price discovery and transparency. I was
9 pleased to see that the CFTC was able to issue a letter
10 recently that provided for additional time to study and
11 understand the implications of the new sizes and thresholds,
12 and to provide additional time for firms to implement such
13 new requirements. I think, again, this was a really a great
14 example of how the GMAC's data driven efforts and
15 presentations have helped to contribute meaningfully to the
16 CFTC's efforts.

17 Second, for the recommendation to add CCPs as
18 permitted counterparties, the GMAC found that further
19 alignments of SEC and CFTC regulations would support
20 critical risk management functions, that will promote well
21 functioning repo and funding markets. While CFTC rules
22 impose customer protection requirements and permit an FCM or
23 DCO to utilize repos to manage customer funds, an SEC
24 registered clearing agency is not a permitted counterparty
25 under Rule 1.25(d)(2).

1 Therefore, the GMAC recommends that the commission
2 allow a CCP, that meets the definition of a covered clearing
3 agency under SEC Rule 17-Ad-22(a)(5), to be designated as a
4 permitted counterparty pursuant to CFTC Rule 1.25(d)(2).

5 This is another recommendation that I think is a no-brainer,
6 to show how we can have continued alignment between SEC and
7 CFTC regulatory frameworks. And importantly, my
8 understanding is that this recommendation will meaningfully
9 assist in the implementation of the Treasury clearing
10 mandate that the SEC recently finalized.

11 I'm pleased to say that in my discussions with
12 chairman Behnam, he has been supportive of the CFTC
13 examining this recommendation to do a rule making proposal.
14 And so I look forward to continuing to work with the CFTC
15 staff, as well as examining the recommendations from the
16 GMAC in order to move forward with this rule making
17 proposal, which, again, I think will help to promote and
18 strengthen resiliency and the safety of the U.S. Treasury
19 market.

20 For the recommendation on the FICC-CME customer
21 position cross-margining structure. As you all know, the
22 CFTC and the SEC for decades have approved cross-margining
23 for Treasury securities transactions and Treasury futures,
24 promoting the efficiency and well functioning of the U.S.
25 Treasury markets; the backbone of the global financial

1 system.

2 The GMAC had recommended that the commission make
3 the benefits of cross-margining available to a broader range
4 of sophisticated customers, including those customers that
5 will be subject to the new SEC Treasury clearing
6 requirements, as well as to all customers that voluntarily
7 elect to clear Treasury transactions and will post margin.

8 My understanding is, of course, as firms are
9 examining the Treasury clearing mandate and understanding
10 what market infrastructure changes will be necessary in
11 order to successfully mandate Treasury clearing, that
12 there's ongoing work in examining the benefits and how to do
13 further cross-margining. And so, again, I'm pleased to see
14 that not only through the leadership of FICC and CME, who
15 were both members of the Global Market Structure
16 subcommittee, but that the GMAC was able to support this
17 important initiative.

18 For the next recommendation, which was the
19 endorsement of the futures industry association volatility
20 controls mechanism. Of course, it's no surprise that the
21 efficient management of financial market volatility is
22 paramount. And during the recent prices and markets, such
23 as during the COVID-19 pandemic, as well as in commodity
24 markets, FIA has noted the pivotal role volatility control
25 mechanisms have played in preserving market integrity.

1 The GMAC had recommended that the commission use
2 the best practices published by FIA as a tool for
3 understanding exchange market risk controls and when
4 engaging with global regulators and international standard
5 setters. The GMAC recommendations have been indeed shared
6 with not only the FSB and IOSCO, but with our international
7 counterparts around the world. And so, again, this paper
8 has been of great interest in understanding how best to deal
9 with future market shocks and dislocations, as that seems to
10 unfortunately be coming more frequent; particularly in the
11 current macro and geopolitical environment.

12 For the recommendation of the inclusion of U.S.
13 Treasury ETFs as eligible initial margin collateral. The
14 GMAC had recommended that the CFTC expand the universe of
15 liquid assets that can be posted as uncleared margin,
16 specifically to include U.S. Treasury ETFs, because it would
17 help to diversify and support greater liquidity and depth
18 for uncleared swap markets, and it can help to mitigate
19 idiosyncratic risk.

20 This is a recommendation that the CFTC has been
21 considering, and I look forward to hearing more from the
22 GMAC subcommittee or work stream leads, about what specific
23 steps would be necessary to be able to capture the benefits
24 here, of including U.S. Treasury ETFs as eligible initial
25 margin collateral.

1 For the technical issue subcommittee, there were a
2 couple of different recommendations. On the global default
3 simulation, CCP Global had conducted a global default
4 simulation across CCPs in November of 2023, and it was a
5 range in consultation with input from regulators. The GMAC
6 had recommended that the CFTC consider inclusion of lessons
7 learned and best practices arising from such simulations
8 into its capacity building programs with, especially some
9 emerging markets.

10 The CFTC has been considering current rulemaking
11 proposals around the resiliency and recovery of CCPs. And,
12 again, this is a prominent topic on the international
13 standard setters agendas. So it's been fantastic that this
14 recommendation, again, has been meaningful in contributing
15 to both the international work as well as to the CFTC's own
16 rulemaking proposals that are currently outstanding.

17 Another recommendation was regarding money market
18 funds as eligible collateral and here, the GMAC had
19 recommended that the commission finalized the CFTC's
20 proposed rule amendment to remove the asset transfer
21 restriction from MMFs used as eligible collateral for
22 non-cleared margin, in order to harmonize the parameters for
23 MMF use with the UK and resolve one of the impediments to
24 the use of MMFs between the US and the EU. It also would
25 allow the CFTC to self-align MMFs with its eligible

1 collateral requirements for cleared margin for CFTC Rule
2 1.25, which governs the investments of customer money by
3 FCMs without similar transfer restrictions.

4 The GMAC had also recommended that the commission
5 encourage the U.S. prudential regulators to adopt a
6 corresponding amendment to their non-cleared margin rules,
7 including allowing third country funds and then also to
8 encourage the EU policymakers to remove the third country
9 fund restriction for eligible collateral from their
10 non-cleared margin rules.

11 Again, this is an active rulemaking proposal that
12 the CFTC is currently considering. And, again, because of
13 the international and cross-water implications of this, this
14 has been helpful in contributing to the important
15 international dialogs that are going on. I just returned
16 last week, for example, from the IOSCO annual meeting.

17 There were two recommendations from the technical
18 issue subcommittee regarding improving trade reporting for
19 market oversight. And so one was regarding streamlining a
20 potential 40 percent increase in CFTC reportable data
21 elements. That was in connection with the CFTC's recent
22 proposal to amend its Part 43 and Part 45 spot data
23 reporting requirements.

24 I was pleased to see, that given the timing of that
25 GMAC recommendation, it was able to be submitted to the

1 CFTC's comment file and did, in fact, have an impact on the
2 proposal that was published. And I look forward to having
3 the GMAC recommendations being furthered considered as we
4 finalize that rule making proposal. But again, an immediate
5 and demonstrable impact even in having an impact on the
6 proposal that was published.

7 The other recommendation was to improve data
8 sharing and systemic risk analysis, and in particular, to
9 recommend that the commission facilitate discussions with
10 key regulators, both market and prudential, on the desire to
11 share data elements and agree upon the MOUs needed to allow
12 such activity; starting with the U.S. and then to prioritize
13 other G20 regulators for their significant overlap.

14 As you may know, trade reporting and transparency
15 is a priority for the FSB this year; also for IOSCO. And so
16 again, a very meaningful and timely recommendation by the
17 GMAC that will contribute to both of those international
18 work streams.

19 Finally, the technical issue subcommittee
20 published, worked on, and had the GMAC approve the
21 publication of a resource document to support the transition
22 to T+1 security settlements. Of course, we have indeed now
23 transitioned to T+1 security settlement, and I appreciate
24 that the GMAC, again, provided such a useful resource in the
25 lead up to quite a momentous occasion actually, for our

1 securities markets.

2 And then last but not least, the digital asset
3 market subcommittee worked on, and the GMAC approved, the
4 publication of an approach for the classification and
5 understanding of digital assets. And here the GMAC found
6 that a clear consensus driven approach to classifying
7 assets, and the functions they serve, will underpin robust
8 markets and effective regulation.

9 Evolving digital asset ecosystem has led many to
10 develop proprietary taxonomies to classify digital assets
11 and their related technology. Recognition of this progress,
12 the GMAC subcommittee has engaged digital asset
13 stakeholders, across the broader ecosystem, to build a
14 common approach for the classification and understanding of
15 digital assets.

16 This approach aims to set out consistent language
17 for participants, in the digital asset ecosystem, to promote
18 innovation, identify and address risk considerations, and
19 enable effective regulatory understanding. With this
20 objective in mind, the approach builds upon the considerable
21 classification efforts of global prudential standard setters
22 and regional authorities, including the bank for
23 international settlements, the FSB, and others.

24 The GMAC had recommended that this approach be
25 considered an initial basis for consensus driven functional

1 taxonomy. And as the digital asset ecosystem continues to
2 evolve, so too will the terminology use to classify it. The
3 subcommittee plans to reassess any future developments to
4 provide further recommendations to this approach based on
5 the guidance of its members. And the subcommittee seeks to
6 support effective rules and regulations for digital assets,
7 and recommends continued collaboration between industry
8 standard setting bodies and the regulatory community.

9 As I mentioned earlier in my remarks, this document
10 has proven to be incredibly useful as foundational
11 guidelines for developing a common understanding of
12 cross-jurisdictions for how to approach digital assets. And
13 indeed, I think it's been a helpful educational document and
14 resource for U.S. policymakers, as well. So this was a lot
15 of hard work in coming together and building a consensus
16 driven document, but I'm really pleased that the GMAC was
17 able to accomplish this.

18 So those are all the GMAC recommendations, 11 in
19 all, and the next steps. And I hope that this again shows
20 that the work that we've been doing here has an impact and
21 has real value and that indeed, this is the purpose of the
22 federal advisory committees in order to provide the federal
23 government with these types of expertise from the public.

24 Now, I want to move on and welcome a few new faces
25 to the GMAC and to our subcommittees. We've added a few new

1 experts and leaders to our ranks since we last met. And so
2 joining the GMAC as members, we have Chuck Mack, the head of
3 Strategy for North American markets from NASDAQ, and Derek
4 Kleinbauer, president of Bloomberg SEF.

5 Joining the digital asset market subcommittee as
6 members, we have Mo Shaikh, Co-founder and CEO from Aptos
7 Labs; Terrence Dempsey, Senior Vice President Head of
8 Product Strategy from Fidelity Digital Assets; Ian Grieves,
9 Vice President Product and Strategy from Cboe; and Chen
10 Arad, Co-founder and Chief External Affairs Officer from
11 Solidus Labs. Please join me in welcoming these new members
12 to the GMAC and to their subcommittees.

13 Now, then moving on to today's addenda. So for
14 today's GMAC meeting, we're going to continue to build on
15 the significant progress that we've already made. We're
16 going to start from a presentation from the Global Market
17 Structure subcommittee on the impact of proposed U.S.
18 implementation of Basel III Endgame's bank capital
19 requirements would have on end users who rely on clear
20 derivatives markets.

21 This, I think, is particularly important because
22 one of the things that is key to the CFTC's identity, and to
23 the culture of this agency, is remembering where we came
24 from. And that, at the end of the day, we are here to serve
25 the producers, the growers that utilize our markets, and the

1 commercial endusers that utilize our markets for risk
2 management and price discovery; and the liquidity providers
3 that help to enable that. So I'm really pleased that we're
4 going to be able to hear this perspective.

5 We will have a presentation from Kyle Glenn from
6 FIA and also from Thane Twiggs, Chief Compliance Officer for
7 risk management at Cargill. We'll then have a panel
8 discussion on swap execution facilities. Our esteemed
9 panelists are Thomas Pluta, President of Tradeweb; Scott
10 Fitzpatrick, CEO of Tradition SEF; and Adam Lister, the
11 Interest Rate Swaps Electronic Trading Product Manager at
12 Bloomberg.

13 Then Tara Kruse will lead our technical issue
14 subcommittee's discussion on its proposed recommendation on
15 variation margin processes in non-centrally cleared markets.
16 Tara is the global head of infrastructure, data and
17 non-cleared margin at ISDA.

18 Following a brief break, we'll receive an update on
19 global commodity markets from Derek Sammann, Senior Managing
20 Director and Global Head of Commodities, Options and
21 International Markets at CME Group.

22 Finally, we'll receive a presentation on the CFTC's
23 international engagement and initiatives from Andrea
24 Musalem, Associate Director of the CFTC's office of
25 International Affairs.

1 We'll close out today's meeting with updates from
2 each of the subcommittees on ongoing work streams and future
3 agenda items. I'm very much looking forward to these
4 presentations and the consideration of the latest round of
5 recommendations. Once again, thanks everyone for being here
6 and making the GMAC such a success over the last year.

7 MR. JUNG: Thank you, Commissioner Pham. We will
8 now hear a prerecorded opening remarks from Commissioner
9 Mersinger.

10 (Recorded message plays)

11 COMMISSIONER MERSINGER: Good morning. I'm sorry
12 I'm unable to join you in New York today, but I wanted to
13 thank all the members of the GMAC, and it's, subcommittees,
14 for their continued efforts to address challenges in our
15 evolving global market. I'm always impressed by the breadth
16 and depth of knowledge the GMAC members bring to these
17 meetings, and the work being completed on the various
18 subcommittees.

19 I recognize you have a full agenda today, so I'll
20 keep my remarks short. And although I'm not there to join
21 you, I will be watching the recording, and I look forward
22 here about the new subcommittee proposals, learning more
23 about the current landscape for swap execution facilities,
24 as well, hearing more about the current state of global
25 commodity markets. Once again, thank you for your service

1 on the advisory committee. Please know that your input is
2 truly valued and it's incredibly important to our work at
3 the agency.

4 Additionally, thank you to Commissioner Pham for
5 all the effort and energy she has put into sponsoring the
6 GMAC. I know she is passionate about the GMAC and the work
7 you all do. Thank you to Harry Jung and Nick Elliott
8 without whom these meetings would not be possible. And
9 last, but certainly not least, thank you to the staff here
10 at the CFTC, who work hard to ensure these meetings are a
11 success. And a special thank you to telecom team, who made
12 it possible to share this message with all of you. I'm very
13 grateful for your expertise and your kind assistance in all
14 things at the agency.

15 MR. JUNG: All right. Thank you, Commissioner
16 Mersinger. And thank you all for your opening remarks.
17 Before we begin the first segment, I just want to go through
18 a few logistical items that I wanted to mention to the
19 committee members.

20 Similar to the prior meetings, please make sure
21 that your mic is on when you speak. Please remember to turn
22 the mic off when you're not. This meeting is being
23 simultaneously live streamed, so it is important to keep
24 your mic on, and so others can hear.

25 If you like to be recognized during the meeting,

1 for those who are in-person, please raise your hand or flip
2 your name card, or for those who are on Zoom, please use the
3 raise hand function, and we'll recognize you and get you at
4 the mic.

5 And for those who are presenting today, with
6 slides, we will be controlling the overall master deck up
7 here. So if we just say next slide, we will -- we will move
8 the slides accordingly.

9 And before we begin, I'd like to do a readout of
10 the members participating virtually, so we have attendance
11 on record. I'll just go down the list now: Jason Chlipala,
12 Stellar; Gerry Corcoran, R.J. O'Brien; Adam Farkas, GFMA;
13 John Murphy, CMC; Joe Nicosia, Louis Dreyfus; Chris Zuehlke,
14 DRW. With that, I'll turn things over to the GMAC chair,
15 Amy Hong.

16 GMAC CHAIR HONG: Great. Thank you, Harry. It's a
17 pleasure to be here today with Commissioner Pham, the
18 sponsor of the GMAC, and all of our GMAC members. I thought
19 it was really impressive to hear the commissioner recap all
20 of the work that the GMAC has delivered, the insights and
21 recommendations. And I particularly appreciated the
22 commissioner's update on where each recommendation stands
23 today.

24 I'd like to thank our GMAC members and presenters
25 for their time and welcome all members to share your

1 perspectives during our open discussions today. I'll hand
2 it over to my co-chair Darcy for her opening remarks and to
3 introduce the first subcommittee recommendation for today.

4 GMAC VICE CHAIR BRADBURY: Thanks, Amy, and thank
5 you, commissioner. It's great to be here in New York and
6 everyone, just about everyone, in real life; which is going
7 to make for better discussions. So thank you, very much.

8 I think we should go right into our first
9 subcommittee recommendation. The Global Market Structure
10 subcommittee has, as you heard from the commissioner early,
11 has been very active this year and has a recommendation for
12 us today and sort of a presentation. I'm going to turn it
13 over to Kyle Glenn of FIA and Thane Twiggs of Cargill to
14 present their recommendations on the impact of the U.S. Bank
15 capital proposals on end users that rely on clear
16 derivatives markets.

17 MR. GLENN: Great. Thank you so much, Amy and
18 Darcy for your leadership at GMAC, and Commissioner Pham for
19 your sponsorship of the committee. And thank you to Michael
20 and Brad for co-chairing our Global Market Structure
21 subcommittee and helping to keep us on track with this
22 report. Harry, maybe if we could go to the next slide.

23 So just a little background on the pending bank
24 capital proposals. I know we've talked about this at prior
25 meetings, but it's hard to believe that it's been less than

1 a year since the Fed OCC and FDIC proposed the Basel III
2 Endgame proposal. Separately, on the same day in July, the
3 Fed requested comment on a proposal that would make
4 significant adjustments to the U.S. globally, a systemic
5 important bank holding company surcharge; the G-SIB
6 surcharge proposal. Harry, can we kick it to the next
7 slide? Thank you.

8 So these proposed rules are going to be a --
9 represent a very comprehensive rewrite of the regulatory
10 capital standards, that the biggest U.S. banks are subject
11 to, and it's going to impact every activity that the U.S.
12 banks engage in.

13 Just focusing on client clear derivatives markets
14 specifically, which we focus on in the report. The Basel
15 III Endgame proposal would significantly raise the capital
16 requirements for U.S. banks that offer clients access to
17 futures options and cleared OTC swaps. And the G-SIB
18 surcharge proposal would significantly raise those capital
19 requirements for U.S. banks that offer clients access to
20 cleared OTC swaps. So, next slide.

21 So just to kind of demonstrate the -- the impact.
22 FIA and ISDA did a joint data collection of the six U.S.
23 G-SIBs that provide client cleared derivatives --

24 MR. JUNG: And we'll do a quick pause. Until we
25 get the slides on the right format.

1 COMMISSIONER PHAM: Sorry. We are experiencing
2 technical difficulties. Our interoperability is -- between
3 the D.C. headquarters and the New York office is not working
4 quite right at this moment.

5 MR. JUNG: All right. We're live.

6 MR. GLENN: Okay. Well, thank you. So as I
7 mentioned, FIA and ISDA did a data collection, an
8 independent data collection, of the six U.S. G-SIBs that
9 provide client clear derivative services as of June 30,
10 2023. And you can see here the impact of both proposals
11 that the Basel III Endgame proposal, we estimate would
12 increase the capital requirements for those six U.S. G-SIBs
13 by about 22.4 percent or \$2 billion, and the G-SIBs
14 surcharge proposal, 58.1 percent increase for \$5.2 billion.

15 So in total, that's a \$7.2 billion increase in
16 capital requirements for those six U.S. G-SIB banks for an
17 80.5 percent increase. And just, you know, as you look at
18 the landscape of -- of FCMs that provide clients access to
19 clear derivatives markets, the vast majority of -- of the
20 business goes through U.S. G-SIB banks. So this is a pretty
21 substantial increase from today. Next slide.

22 So the -- the report is broken out into various
23 sections, that put a spotlight on how the proposed U.S. bank
24 capital rules will impact the clear derivatives markets and
25 the end users that rely on access to those markets. Each

1 section has a high level description of the impact, and then
2 quotes and citations from the specific comment letters, that
3 directly raise the concerns of end users and exchanges.

4 Comment letters that we cite include agricultural
5 trade associations, energy trades, insurance, life
6 insurance, pension funds, manufacturers, others. So it's a
7 wide range of -- of comment letters that we've -- I
8 identified and cited in the report. And the report focuses
9 on these -- these key areas, reducing the capacity of U.S.
10 banks to offer client access to derivatives markets.

11 The proposals would reduce liquidity in the
12 derivatives markets, increase the cost of hedging for end
13 users, and as a result, increased costs for their customers,
14 disproportionately harms smaller end users and nonpublic
15 companies, increased systemic risk and creating an unlevel
16 playing field for market participants; including across
17 jurisdictions. So we're breaking -- the report's broken
18 down into all those different sections. I'll keep us moving
19 here; maybe next slide.

20 I think the other thing I -- we cite in the report
21 and -- and credit to the GMAC and -- for highlighting the
22 impact of these proposals in prior meetings. We cite
23 specifically in November 2023 GMAC meeting. There was a
24 discussion from the chief revenue officer of Cypress Creek
25 Renewables, about concerns with the pending bank capital

1 rules significantly raising costs for banks that provide
2 hedging services for their clients, like Cyprus Creek.

3 And then more recently in March, we had Reggie
4 Griffith from Louie Dreyfus and Dan Gallagher from --
5 representing the Rural Electric Co-op Group, raising
6 concerns about the potential unintended consequences of
7 these bank capital proposals on, kind of, the futures
8 markets and -- and those folks that rely on them.

9 So there's been a lot of work done by GMAC already
10 in this space. I think we just wanted to use this report to
11 really tie it all together. And -- and like I mentioned,
12 pulled directly from the comment letters that we've seen
13 that touch on clear derivatives market issues. Maybe next
14 slide are.

15 And so we did want to highlight to -- a couple
16 recommendations that should be considered, that would
17 specifically promote client clearing; make sure that it's
18 not being disincentivized. And then we -- we cite a couple
19 quotes here. One from the Fed Chair, Jerome Powell, who
20 stated publicly in 2017, "That regulators globally have a
21 responsibility to ensure that bank capital standards and
22 other policies do not unnecessarily discourage client
23 clearing."

24 And then more recently by Chairman Behnam, he was
25 quoted as saying, "We want to incentivize clearing. We want

1 to focus on understanding the benefits of it and not
2 creating unnecessary costs that disincentivize clearing."

3 So if we want to accomplish this and not
4 disincentivize clearing, we lay out a handful of key areas
5 we think the proposals could be amended. And to not
6 disincentivize clearing, we've got one specific proposal for
7 the G-SIB surcharge and then a handful for the Basel III
8 Endgame proposal. And then maybe we can go to the next
9 slide.

10 And, you know, an issue that we wanted to put on
11 the GMAC's radar, something that's -- that's going to come
12 up more and more over the coming year, and something that
13 we're focusing on a lot at FIA, is, you know, the bank
14 capital proposals that -- cannot be viewed in a vacuum.
15 There's a lot of other things happening. And while outside
16 the CFTC's jurisdiction, the SEC recently adopted final
17 rules that are going to require most market participants to
18 clear repos they entered into on U.S. Treasury securities,
19 as well as certain cash purchases and sales of Treasury
20 securities.

21 And the implementation of those rules and the bank
22 capital rules are expected to be implemented around the same
23 time. There's going to be interrelated repercussions for
24 market participants whose activities span across derivatives
25 and securities. And, you know, we're viewing this through a

1 capital lens, through along a legal lens, and -- and some of
2 the challenges with -- with kind of the SEC/CFTC rules.

3 And so, and then -- and then the last point, you
4 know, there's definitely going to be some cross-margining
5 issues that we're taking a close look at, at FIA. I know
6 other trades are, as well. And it's something that I'm sure
7 we're going to be having a dialogue about for -- for the
8 coming year plus. But I just wanted to put that on the
9 radar of the group as well. So that's something that's
10 contained in the report. And maybe the next slide, Harry.

11 So and we conclude the report with some
12 recommendations for CFTC action. The first one, continue
13 engaging with the relevant U.S. bank regulators about the
14 pending proposals and the impact they will have on the
15 markets that fall into the CFTC jurisdiction. We -- we at
16 FIA and our members, we've met with the CFTC a number of
17 times, and I think generally they -- they're doing this and
18 we have had great discussions with them.

19 As the regulators that understand our markets best,
20 it's helpful to have them in the room, and as somebody that
21 can work and meet with the bank regulators and -- and, you
22 know, be the market expert. So we've appreciated the
23 opportunity to meet with the CFTC. I think we just want to
24 continue to engage -- encourage them to continue engaging
25 with the bank regulators on these proposals.

1 The next item, conduct an independent study of the
2 proposals to better understand the impact of the proposals
3 on the users of derivatives markets. And then the last one,
4 consider organizing a roundtable with U.S. bank regulators
5 focused on derivatives markets.

6 So those are the -- the three ultimate
7 recommendations. And, then, as you can see here, in the
8 appendix, we've included a broad sampling of public comment
9 letters highlighting the concerns with the bank capital
10 proposals. You've got AG Energy, a broad coalition of end
11 users, risk management advisers, manufacturers, insurance,
12 pension funds and investment management, and then exchanges
13 and clearinghouses. So it's -- it's not, you know, this is
14 definitely a diverse group of -- of comment letters, and
15 we've included links to all of them, so folks could access
16 them easily if they like.

17 I've been speaking for a while. I think maybe I'll
18 turn it to Thane, if that's all right.

19 GMAC VICE CHAIR BRADBURY: Harry, if you could just
20 go back one page. So these are the recommendations that
21 we're asking the committee to consider today. And I want to
22 open it up for questions and comments. Oh, I'm sorry.
23 Blanked out. Of course, Thane.

24 MR. TWIGGS: Thank you. I'm here today to talk a
25 little bit about some of the impacts that this may have on

1 end users. But before I do that, I want to thank
2 Commissioner Pham for her thoughtful sponsorship of the GMAC
3 committee and the work that has been done with this
4 committee, and then also the Global Market Structure
5 subcommittee, on this report.

6 It really puts together a lot of the concerns that
7 the industry has had. And as we sit back and think about
8 this, this is not about safety and soundness. I think we
9 could probably all agree that safety and soundness of the
10 financial industry and financial institutions is important.
11 This is what some consequences or unforeseen, or,
12 unanticipated, consequences may be for the markets.

13 And so when we think about an end user as others,
14 we rely on markets for price discovery, for hedging, and for
15 many of these different activities. Now, an end user faces
16 a number of risks. Most of them are out of the control of
17 an end user. We think about a geopolitical event. We've
18 seen some of those in the past few years. Those are really
19 out of the control of end users. We've seen climate events
20 that have impact -- impacted end users as well. So where do
21 they go?

22 If they want a chance to be able to hedge, they
23 need to go to these markets. And the consequences of the
24 capital rules will limit that. And primarily because of --
25 because of cost. The costs are going to go up. I, you

1 know, Kyle gave the estimate that overall it's about 80
2 percent. I think that's a pretty good estimate. I really
3 don't know because part of it's on the capital structure for
4 each of the individual G-SIBs, and how they look at them,
5 but the cost will go up to the market.

6 So what happens when cost goes up? When a cost
7 goes up, you think rationally and say, well, that's more
8 expensive. I may or may not participate in that market. So
9 you start to think about, do you really want to get into
10 that market and what you're willing to go unhedged, or do
11 you want to participate.

12 And even if you're not a hedger, hedgers need other
13 people to take the other side of a trade, in order to be
14 able to hedge their risk. And if those people aren't
15 willing to enter the market because of costs, it reduces the
16 liquidity. You have reduced liquidity, likely have more
17 volatility. And so when the next geopolitical or climate
18 event comes around, what do you do? Right. If you're in
19 the market, it's going to cost you a lot more. If you're
20 not in the market, you're unhedged, then you have that price
21 risk.

22 Reggie Griffith from Louis Dreyfus and Dan
23 Gallagher, they spoke recently at GMAC about some of these
24 costs, and what it can do and the unanticipated
25 consequences. But when we think about end users, who are

1 they? All right. So we think about end users, and you may
2 say, oh, Thane Twiggs is representing Cargill. Reggie
3 Griffith represented Louis Dreyfus. So these are end users.
4 So they're big corporate -- they're big companies that can
5 handle this.

6 Well, that's really not the case. End users may be
7 large companies, but they're also smaller individual
8 farmers, ranchers, they may be production companies.
9 They're basically the whole gamut. And so end users may or
10 may not have the financial wherewithal or sophistication to
11 self clear, right? So if the cost goes up, they look for
12 another avenue. Maybe they self-clear, but that's really
13 not available because there are also consequences of this if
14 you're self-clearing.

15 Another thought that has been expressed is, well,
16 just go to an FCM or futures commission merchant that's not
17 a G-SIB. Well, part of my concern about that is there may
18 not be enough capacity. Some of the -- Kyle mentioned that,
19 or in the report it mentions, that 94 percent of the market
20 of FCMS with the top six G-SIB. So for all of that activity
21 to move to a nonbank, there's just not capacity.

22 Another thing I've heard is all foreign banks.
23 Well, same issue. May not be to capacity. Why not have our
24 U.S. banks? I have nothing against foreign banks, but we
25 should have a level playing field.

1 The other thing that -- that I think about is,
2 there are some penalties here for entities and end users
3 that may be financially very sound, but because they're not
4 publicly traded, they're treated unfairly, on the proposed
5 rules. There's no rationale for that, but it is part of the
6 rule.

7 And so as we look at these activities, the -- the
8 costs will increase. We may or may not have capacity for
9 other FCMs in the market if the market tries to shift to
10 nonbank. We may not have capacity if we shift to foreign
11 bank. Okay. Don't access the market. Well, an OTC market
12 is a way that people can hedge. These end users can go and
13 if they're an eligible contract participant, they can enter
14 into a swap or a derivative to help hedge their risk. But
15 the person that offers that swap, how are they going to
16 hedge? They're going to have to go to the market. Costs
17 are going to go up, and so the impacts of this flow all the
18 way down.

19 And so I think those are some of the concerns that
20 have been expressed. It's not simple to think about this,
21 but I think the reality is, there will be impacts to people
22 that we do not even anticipate. Farmers that may not even
23 enter into an OTC swap for a future. Well, they're going to
24 be maybe trying to hedge with forward contract, but the
25 increased costs in these markets will also impact the

1 forward contract. It may go unhedged, which is also can be
2 problematic. And so, I would recommend that we adopt the --
3 the subcommittee, the market structure subcommittee, and the
4 rationale and recommendations that they have and that we
5 continue to press on this issue because it does have
6 unintended consequences.

7 And as a last point, I always like to think about
8 people that may not be in this room, may not even know what
9 a derivative is. But if we think about the world right now,
10 according to some of the most recent world food program
11 estimates, there are 42.3 million people that are facing
12 acute food instability. These people are also impacted by
13 decisions and actions of this sort, as well. So it's not
14 just an end user that's going to access the market, but it
15 goes all the way to the table. And that's why this is a
16 critical issue, and we should have additional
17 reconsideration. Thank you.

18 GMAC VICE CHAIR BRADBURY: Thank you. So now, I'd
19 like to open it up for comments or questions on the
20 recommendations. We understand that the GMAC doesn't advise
21 the bank regulators directly, but we do advise the CFTC, and
22 they have a very important voice in this discussion and the
23 impact of other regulators proposals on the derivatives
24 markets. And that's what these recommendations specifically
25 address. So are there questions or comments from GMAC

1 members?

2 MR. PERKINS: Hi, Chris Perkins, president of
3 CoinFund. I wanted to unpack the capacity issue and like to
4 note that, someone who operates in the digital asset space,
5 the capital rules are incredibly punitive, thus depriving
6 market participants of access to risk management, frankly.
7 Not -- and that's too fold. I think capital rules are part
8 of it. The other part of it is that we simply don't have
9 clarity around products that allow us to hedge risk.

10 But I wanted to unpack this other issue that I see.
11 And -- and as someone who used to run an FCM, I'm very
12 concerned that, it's not a very healthy market structure
13 right now. In fact, the number of FCMs has materially
14 decreased from about a high of a 188 in 2004, just 61 in
15 2022 -- in 2022. Meanwhile, assets under segregation have
16 gone from 60 billion to 470 billion. So from a buy-side
17 perspective, particularly through a digital asset lens, we
18 have very little capacity in access.

19 My question is, you know, to the extent that these
20 Basel -- these rules that impede -- that'll further be
21 punitive to G-SIBs go into effect, is that going to
22 accelerate or decelerate this precipitous decline in FCMs
23 that we're seeing?

24 MR. GLENN: It's hard to say. And I think to your
25 point about the number of total FCMs, I think you cited a

1 number in the 60s. When you look at the actual number of
2 FCMs that are providing customers access to derivatives
3 markets, the numbers closer to 45 at the end of 2023. So
4 it's an even more significant decline over the past 20
5 years. I think bank capital rules certainly play a part
6 in -- in this trend. There's other factors, of course,
7 technology and just general consolidation in the financial
8 markets. But, you know, I think we definitely think that
9 the capital rules will play a role in that trend.

10 MR. TWIGGS: And just what I would add to that is,
11 you know, that is a topic that needs to be looked at, I
12 think, but not through these capital rules, as proposed.
13 It's almost like going after with a huge hammer for a
14 problem that may need a very small hammer. But I -- I think
15 the point is well taken, but I don't think this is the
16 mechanism to do it.

17 GMAC VICE CHAIR BRADBURY: Other comments or
18 questions from GMAC members and online?

19 COMMISSIONER PHAM: I have a comment. I -- I just
20 want to again thank, Kyle and Thane for their presentations.
21 And I especially appreciate your presentation, Thane, and
22 tying it back to the food insecurity issues, and the real
23 impact of what commodity markets are, and how important it
24 is that end users have the access and that clearing firms
25 have the capacity to enable that. So thank you for

1 highlighting that point.

2 The figures that were shared are some very large
3 numbers. I think sometimes people get used to throwing
4 around big numbers, but I believe that showed almost a 12
5 billion net increase in requirements, and I think one of the
6 categories did show an 80 percent increase in the
7 requirements. And so, just given that the mission of the
8 CFTC is to ensure the integrity of the markets that we
9 oversee, and given the concerns that have been repeatedly
10 raised over the last decade or so, around FCM concentration
11 and the resiliency of our clearing model, central clearing
12 model. I think it is very important that we need to
13 carefully consider any implications or anything that will
14 reduce or restrict access to clearing.

15 GMAC VICE CHAIR BRADBURY: Thank you, Commissioner.
16 So committee members, we've discussed the recommendation.
17 And is there a motion from this body to adopt the
18 recommendation?

19 MEMBER: So moved.

20 GMAC VICE CHAIR BRADBURY: And a second? All
21 right. It's been moved and seconded. Any additional
22 questions or comments from committee members. So the motion
23 on the floor is for the GMAC to adopt the Global Market
24 Structure subcommittees recommendation regarding the impact
25 of U.S. bank capital proposals on end users that rely on

1 clear derivatives markets and to submit them to the
2 commission for consideration. A simple majority vote is
3 necessary for the motion to pass. I'll turn it over to our
4 designated federal officer to conduct the vote.

5 MR. JUNG: Thank you, Chair Bradbury. Committee
6 members, last time to vote. Similar to the prior meeting,
7 we're going to do a voice vote. And for those in virtually,
8 I'll give specific directions as to, you know, if you raise
9 your hand, we'll give us -- we'll give some time for those
10 to put their hands down virtually. I know there's some tech
11 lag, so we'll start the voting soon.

12 All right. Members, in agreement, please raise
13 your hand and say, aye. All right. Thank you. In
14 disagreement, please raise your hand and say nay. And
15 abstentions. Okay. Please give us a moment while we tally
16 the vote. Chairman Bradbury, you have 28 yes votes, zero no
17 votes and zero abstentions.

18 GMAC VICE CHAIR BRADBURY: The ayes have it. The
19 motion carries and the recommendations will be transmitted
20 to the CFTC from the GMAC. Thank you, very much. And
21 thanks to the subcommittee for all of your hard work pulling
22 it together and going through all of those comment letters.
23 So we really appreciate it.

24 Now, we're going to have a presentation on swap
25 execution facilities. I'm going to turn it over to Thomas

1 Pluta of Tradeweb, Scott Fitzpatrick of Tradition, and Adam
2 Lister of Bloomberg.

3 MR. PLUTA: Good morning. Thank you, to all of the
4 GMAC members for having me today, and thank you,
5 Commissioner Pham for the opportunity to speak. My name is
6 Thomas Pluta, and I'm the President of Tradeweb Markets.
7 I'd like to start today by giving a little background into
8 Tradeweb's role in the derivatives markets. Today, Tradeweb
9 operates two swap execution facilities, DW SEF, which offers
10 voice trading and central limit order book trading, and TW
11 SEF, which offers disclosed electronic trading.

12 Through the first quarter of 2024, more than \$28
13 trillion in notional volume has been executed through the DW
14 SEF and more than \$390 trillion has been executed through
15 the TW SEF since their launch in 2013. These trades include
16 a mix of interest rate swaps, CDS, basis swaps, OIS, and
17 others. For the purposes of this discussion, I will focus
18 on the interest rate swaps market where Tradeweb has a
19 leading position.

20 For some perspective on that, electronic trading
21 volume of cleared interest rate swaps reached \$937.3 billion
22 per day in February of 2024; according to the latest data
23 available from FIA. That's up nearly 16 percent year over
24 year. While those are impressive sounding stats, it's
25 important to note that this didn't happen overnight.

1 In fact, the evolution of Tradeweb SEF platforms
2 actually dates back 20 years, before the financial crisis
3 and reforms implemented under Dodd-Frank and MiFID mandated
4 central clearing for most interest rates derivative
5 products. For our part, by the time these regulatory
6 mandates came to fruition, Tradeweb's infrastructure was set
7 up so that we could quickly and efficiently align our
8 offerings with the provisions outlined by the mandates,
9 which proved beneficial to our clients, regulators and
10 broader market participants.

11 Our deep and longstanding presence in these markets
12 has allowed us to reflect on how we got from there to here,
13 which can help us better understand the future of the
14 interest rate swaps market. There is a common misconception
15 that the birth of electronic swaps trading coincided with
16 the central clearing mandate. While these reforms were
17 certainly a catalyst, they did not become a significant
18 factor until several years after the initial seeds of
19 electronic swaps trading had already been sewn.

20 In fact, the first real step in the evolution of
21 electronic swaps markets had nothing to do with derivatives.
22 It was the development of a request for quote, or RFQ,
23 protocol in the market for U.S. Treasuries in the late
24 1990's. This relatively simple step, putting dealers into
25 competition and essentially mimicking the phone based fixed

1 income trading workflow on a digital platform, is what
2 created a proof of concept and importantly had large banking
3 institutions comfortable with trading highly liquid
4 securities electronically.

5 Still, however, despite the proof of concept, when
6 Dodd-Frank and MiFID were introduced, many pundits and
7 analysts were suggesting that the mandatory clearing and
8 electronic trading of swaps trades would kill the interest
9 rate swaps market. It didn't. As illustrated on this
10 slide, we saw an increase in volume on TW SEF and across the
11 market, we saw electronic trading actually spike; a trend
12 that continued for the next two decades.

13 According to ISDA through 2023, the cleared share
14 of interest rate derivatives was 78.2 percent or roughly
15 \$291 trillion. The implementation of Dodd-Frank, and the
16 phase one go-live of mandatory SEF trading, served as a
17 catalyst to rapid fire growth in electronic trading of
18 interest rate swaps. Along the way, we see another boost in
19 2018 with the MiFID II go-live, and then again with the
20 cessation of trading benchmark to LIBOR in 2023.

21 Ultimately, with each new step and the reform of
22 the derivatives markets, electronic trading grew
23 significantly. While this growth was no doubt spurred by
24 regulation, it was also supported by a great deal of
25 innovation. Could you move to the next slide, please.

1 Importantly, as we look at some of the key
2 milestones on the regulatory timeline, we have the made
3 available to trade, or MAT determination, which sets the
4 terms for which derivatives trades are required to be
5 executed on-SEF and which can occur off SEF; effectively
6 establishing the ground rules for electronic derivatives
7 trading. We also have the introduction of new benchmark
8 rates, such as SOFR and SONIA, which introduced new MAT
9 requirements.

10 Last April, in an effort to promote further
11 continuity across global swap market mandates, Tradeweb
12 asked the CFTC to expand the products required to be traded
13 on-SEF to include SOFR and SONIA. More specifically, to
14 foster more global connectivity, we took the FCA's mandate
15 for SONIA and applied it to SEFs. Between those major
16 bookend events, however, much of the growth in electronic
17 trading of interest rate swaps was driven by innovation on
18 the part of market participants and trading venues, who kept
19 making it easier and more efficient to trade electronically;
20 regardless of the mandate.

21 In 2013, for example, when we launched the DW and
22 TW SEFs, we had just four currencies reported to the SDR,
23 and by the time we go to the 2020's, we were supporting 27
24 different currencies across developed and emerging markets,
25 with multiple indices within those currencies.

1 We also develop new capabilities along the way,
2 like portfolio trade compression and netting tools, which
3 allow participants to reduce the number of line items they
4 have outstanding at the clearinghouse by netting offsetting
5 positions in a single trade and helping to reduce trading
6 costs. New electronic trading functionalities, like request
7 for market or RFM, which allows clients to ask dealers for a
8 two-way market, rather than a price based on direction, have
9 made it possible to rely on electronic trading throughout
10 periods of heightened volatility. Next slide, please.

11 As a result, we found that as electronic trading of
12 interest rate swaps continue to grow, even swaps trades that
13 were not subject to the central clearing mandate began to
14 trade electronically with greater frequency. In determining
15 which instruments should be designated MATs, Tradeweb has
16 long held the view that SEF should not be responsible.

17 As you can see on this slide, MAT instruments
18 currently comprise a significant minority of our overall SEF
19 volumes, suggesting there is a broader universe of swap
20 instruments that lend themselves to and benefit from the
21 liquidity found on-SEF. Due to the structure of the MAT
22 process, commercial considerations may inhibit the growth of
23 derivatives trading mandates in the U.S. What's more,
24 structural impediments remain to bring certain instruments,
25 namely invoice spreads, on-SEF.

1 CME Rule 538, which prohibits the nonfutures leg of
2 an EFP package from trading on a SEF, has resulted in these
3 instruments continuing to trade via phone and chat; despite
4 market participants vocal and continued desire to move these
5 trades on-SEF. On this slide we can see the volume of
6 non-MAT swaps executed electronically has continued to tick
7 up considerably. While part of this is due to structural
8 issues surrounding the cessation of LIBOR, another big part
9 of the story is the evolution of trading behavior toward a
10 more electronic first stance.

11 Ultimately the seamlessness with which market
12 participants were able to get a price, execute a trade, and
13 automate trade processing and settlement started to become
14 the norm, and it was just easier and more efficient to trade
15 electronically. What's more, we've seen market participants
16 turn to electronic trading in almost every market season.
17 In the past few years alone, we've been faced with historic
18 interest rate moves, the regional bank crisis and massive
19 geopolitical instability. Events that would have caused
20 massive disruption to the broader market, in any other
21 circumstance.

22 Despite these challenges, Tradeweb and our markets
23 adapted and remained resilient. More recently, our markets
24 have experienced new questions and considerations around the
25 upcoming block size requirements, set forth by the CFTC,

1 which are starting on October 7, 2024. Tradeweb is a
2 proponent of healthy and thoughtful regulation, that
3 encourages more transparency and the derivatives markets,
4 and we urge the CFTC to continue this move toward more
5 transparency, as it determines the data sets used to
6 calculate and analyze the block sizes.

7 As we look ahead to the next 20 years of interest
8 rate swaps market evolution, we believe we will see
9 increasingly sophisticated trades executed faster, at better
10 prices and with more liquidity each year. Currently, our
11 focus at Tradeweb is on multi-asset trading, fostering new
12 use cases for automation and continuing to create more
13 efficient markets. These are the new frontiers an
14 electronic swaps markets where, for example, we're seeing
15 the number of desks, trading both swaps and cash, grow
16 steadily.

17 What all of this tells us is that there is an
18 immense opportunity for these markets to move even more
19 electronic, and we will continue to work closely with
20 clients, regulators and market participants to create a more
21 efficient and transparent marketplace through the use of
22 electronic tools. Thank you for your time.

23 MR. FITZPATRICK: Good morning. Thank you,
24 Commissioner Pham, Amy, Darcy, members of the committee and
25 esteemed guests for providing me the opportunity to present

1 to you today. My name is Scott Fitzpatrick. I'm the CEO of
2 Tradition SEF. Tradition SEF is a part of the wider
3 Tradition Group represented in over 30 countries servicing
4 over seven and a half thousand wholesale market clients in
5 200 products and 25 product areas across five major asset
6 classes and listed in OTC derivatives facilitated by over
7 300 desks around the group and products such as FX, rates,
8 credit, equities, and energy and commodities.

9 As Tom said, as a SEF group, we were asked to give
10 a perspective on-SEF trading over the last few years,
11 provide a view into what our SEF world looks like 10 years
12 in, and highlight some of the areas that may be subject to
13 consideration in the context of purpose, effect --
14 efficiency and effectiveness.

15 Echoing Tom's thoughts there, on the development of
16 markets over time and the resiliency and effectiveness of
17 our businesses during the transition brought on by
18 Dodd-Frank, having been operating in these markets as
19 intermediaries and in swaps facilitation for somewhere in
20 the region of 25 years before Dodd-Frank.

21 So what I'm going to do is, I'm just going to give
22 you an idea here and have a look at how things are
23 progressed. I haven't gone back a full 10 years of
24 operation. Instead I chose to focus on the last five years
25 examining what is actually traded on-SEF, and bear in mind,

1 I represent what we know today as IDB SEFs, so interdealer
2 market, which serves a different purpose and Tradeweb, which
3 is predominantly a dealer to client and SEF.

4 So we'll look at the products that have actually
5 traded on the SEF across asset classes. But more
6 importantly, I think, as Tom mentioned, differentiating the
7 made available to trade on MAT swaps versus non-Mat
8 activity. The reason why we see so many trades are not
9 subject to a clearing and/or trading mandate. They've been
10 executed on SEFs, like the one run by Tradition and equally
11 my fellow IDB SEFs.

12 As you can see here in the annual numbers, but when
13 aggregated over a five year period, interest rates and
14 credit derivatives, which are the asset classes that house
15 MAT swaps, account for approximately 42 percent of executed
16 transactions. Various currencies and equities which
17 incorporate no MAT swaps, account for approximately 58
18 percent of executed transactions.

19 If we break that down further, within the interest
20 rate asset class, using 2021 as an example. 2022 and 2023
21 were a bit strange as Tom mentioned, due to SOFR being
22 non-MAT for a period of time while we were going through the
23 LIBOR transition in 2021. The number of MAT interest rate
24 swaps within that interest rate category represented about
25 30 percent of the total number of interest rate swaps, or 30

1 percent of the 42 percent were actually MAT swaps.

2 The remaining non-MAT executed products being
3 things like inflation swaps, industry options in the U.S.,
4 similar desks around the world, and obviously many non-MAT
5 currencies such as Canada and Latin American currencies and
6 Asian based currencies. Next slide.

7 This here picture depicts our setup, effectively,
8 on -- depending on your perspective, how you're looking at
9 the -- on that side, on my right, your left, is where the
10 MAT or the swaps subject to a clearing and trading mandate
11 operate. And on the other side of the red dotted line is
12 the non-MAT or swaps that are not subject to any trading
13 mandate.

14 The access and operating model in respect to -- to
15 MAT swaps is where participants of the SEF have direct
16 access to central limit order books, in the form of either
17 trading platforms and rates and -- and credit index or
18 access to voice brokers -- voice brokers, who form part of
19 the hybrid order book environment. Liquidity, price
20 formation, management of that liquidity, inclusion of
21 transactions and then everything that happens post-trade, is
22 all handled within the facility with complete transparency
23 to all market participants.

24 On the other side of the fence, however, which in
25 fact, actually represents the majority of the swaps that are

1 actually executed, is where you have non-MAT swaps. They
2 are not subject to an execution mandate, the liquidity
3 formation is not on-SEF. Liquidity is typically formed in
4 either NFA regs of the IBs for platforms that have U.S.
5 persons involved and or overseas venues. Brexit, for
6 example, has handed us an issue whereby UK clients cannot
7 execute an a European MTF and European clients can't execute
8 a UK MTF.

9 So the most common denominator for those trades was
10 SEF, and as a result of that, we've seen approximately 50
11 percent of U.S. swaps trades going on-SEF even when there is
12 not a U.S. person involved in the transaction. The reason
13 for this is Footnote 88 in the SEF rules and the nexus to
14 the U.S. via the U.S. person means that we now operate
15 unnecessarily cumbersome logistical and regulatory hurdles,
16 platform structure around the globe.

17 Rules for multiple to multiple venues, employs
18 operational requirements that assume that nearly every
19 single swap a U.S. person enters into, no matter where and
20 how transacted, has a direct and significant connection with
21 activities in and effect on commerce of The United States,
22 that requires the in possession of CFTC transaction rules.

23 Equally rules for multiple to multiple venues
24 oppose operational requirements that assume that nearly
25 every single swap a U.S. person enters into in the U.S., no

1 matter where and how organized, must be executed on-SEF,
2 irrespective of whether it is subject to the MAT status or
3 not.

4 As I mentioned, as a result, firms like ours, in
5 addition to your domestic IBs, are now required to maintain
6 a complex overseas network of NFA registered IBs to support
7 a small number of U.S. entities executing swaps in local
8 non-U.S. liquidity pools. Overseas, non-MAT execution is
9 essentially a reporting function using a portal provided by
10 a SEF. SEFs -- the result of liquidity forming off, venue
11 SEFs are not trading venues for non-MAT swaps. Next slide
12 please.

13 So in addition to looking into the liquidity
14 profile of our business, we were also asked to take a look
15 at the comparison across regulatory environments for the
16 like structure, the purpose vehicles for the facilitation of
17 liquidity and the execution and processing of swap
18 transactions. The good news is that the sections in this
19 slide predominantly green, showing functional similarity and
20 purpose. However, naturally, I'd like to draw your
21 attention to the red boxes, which highlight some key
22 differences, and some can argue anomalies.

23 SEFs SROs, as individual SEFs, we can only be
24 responsible and accountable for what happens in our own
25 classroom. Due in part to the fact that we do not own

1 contracts like an exchange, nor do we provide clearing
2 solutions for these markets. We're not aware of the wider
3 implications of market activity of our clients in universal
4 freely tradable swap products and underlying instruments of
5 futures.

6 IBs not being able to execute swaps, again, due to
7 Footnote 88, even though 95 percent of the business
8 conducted within these entities is associated with swaps
9 that are not and were not intended to be subject to trading
10 mandate, that is no SEF or DCM has made them available for
11 trading. These entities, as a result, are not permitted to
12 execute those swap transactions and must register as a SEF
13 or process them through a SEF as prearranged non-block
14 swaps.

15 And then finally, their club RFQ, simply, this does
16 not match the statute of any means of entities state
17 commerce, with no other venue type operating under any
18 similar restrictions, which results in -- and Tom mentioned,
19 options and things like that, kind of shoehorning various
20 trading models into either the status of an RFQ model or --
21 or a central order book which not always is the case.

22 All told, the introduction equally of Footnote 88
23 combined with the U.S. nexus has resulted in an optic that
24 makes it look like a lot more swaps trade on-SEF than
25 actually do in the true sense of the word.

1 As a footnote to these discussions, the outcome of
2 this structure has led to bifurcated liquidity pools in
3 overseas jurisdictions that divide swap pricing into pools
4 for trades involving U.S. persons and swap prices into pools
5 for trades for local or non-U.S. participants only. Next
6 slide, please.

7 Now looking at the MAT versus non-MAT. So it looks
8 relatively similar to the -- the slide that Tom put up
9 earlier. Whilst remembering my first slide showing trade
10 volumes by asset class, what this means is that despite
11 being created for the purposes of liquidity concentration,
12 information, price discovery, and ultimately execution of
13 swaps subject to a clearing and trading obligation, the
14 reality is that the majority of swaps executed on SEFs, like
15 ours, are swaps not subject to the trading obligation.

16 Note the drop off in 2023 due to LIBOR being phased
17 out and SOFR not being MAT at that point. Incidentally, and
18 I think Tom alluded to it, during that period, mainly due to
19 the inevitability of a MAT determination for SOFR swaps,
20 following the clearing mandate being established, the market
21 in these products actually continued to trade as if they
22 were MAT, even though they were not.

23 From a commercial perspective, you can see in the
24 top right-hand corner there, that our revenue profile of our
25 businesses polar opposite of that, the trading profile of

1 the business, in that MAT swaps are the bulk of our revenue.
2 This reverse profile further highlights the reality of the
3 situation. MAT swaps derive more revenue, due to the fact
4 that we are a full service organization being provided by
5 the SEF in the form of liquidity development, order
6 management, trading, and full post-trade processing through
7 complex trading systems, working in conjunction with highly
8 skilled, voice broking desks.

9 Non-MAT swaps, in comparison, are handled in an
10 administrative processing function and charged, accordingly,
11 similar to that of market wide or other third party made a
12 weird and infrastructure services.

13 That concludes my remarks for today. I hope you
14 find it interesting, informative and helpful. Thank you.

15 COMMISSIONER PHAM: Actually, I have a question.
16 If we could go back to your slide where you compare -- yes.
17 This one. I think this slide really helps to illustrate the
18 stark difference in the U.S. Market structure or the CFTC
19 Market structure versus even the SEC or non-U.S. Markets.
20 Do you find that this distinction of the CFTC's Market
21 structure, and I think, you know, based on some of the
22 comments and very helpful information in these slides,
23 inhibits access to markets and should there be any
24 additional consideration about the unique CFTC Market
25 structure?

1 MR. FITZPATRICK: I mean, I'll -- I'll let Tom and
2 Adam comment as well. I'm -- I'm not sure as to whether it
3 necessarily inhibits. If you focus on MAT swaps and those
4 swaps being the swaps that are intended to be onset. So I
5 don't think it necessarily inhibits. I think what you see
6 there is -- is that at the outset, when the SEF rules were
7 being developed and applied, a lot of the futures rules for
8 markets were transposed into the baseline for the
9 development of OTC swap markets. And I think that's where
10 you see maybe some of the inconsistencies develop, because
11 OTC markets are not listed markets and -- and therefore, I
12 think that's -- that I think maybe the -- the biggest
13 difference.

14 MR. PLUTA: Yeah, I agree. I don't think it
15 inhibits access, but to the extent that there's -- better.
16 I agree, I don't, I think, that it inhibits access. But to
17 the extent there are fewer tenders required to be MATED and
18 may reduce the transparency and the benefits that we get
19 from trading on SEF.

20 COMMISSIONER PHAM: Thank you. And I think that's
21 an interesting point, also, that you raised. That when this
22 market structure was being created, essentially attempted to
23 take a market structure that was perhaps more similar to
24 ECNs and -- and sort of participants on trading facilities
25 and transpose a member based exchange SRO model onto the

1 existing OTC swaps market structure, as you say. And it
2 does seem that -- are there issues, should the CFTC continue
3 in its trend, of -- of having SEFs become more and more like
4 futures or securities exchanges?

5 MR. FITZPATRICK: I think Tom made the point during
6 his presentation, that the way that the OTC markets develop,
7 in terms of the management of liquidity in the processes of
8 transactions, is -- is much more evolutionary in its
9 development over time than a listed exchange. As where you
10 launch a contract, you put it up on the exchange, and people
11 come in and -- and trade the contract on the exchange.

12 In the OTC markets, and I do have a nice slide, but
13 I didn't put it up today. Where you -- you get the
14 beginning of life, which if you look at the SOFR market, for
15 example, when it started to form, we had data before we had
16 market pricing, before we had any form of markets, before we
17 had executions.

18 So and then, you know, as data becomes more
19 prevalent, the voice information, then you'll get a limited
20 number of participants. Not very few -- not lots of trades
21 and not so much liquidity. And then over time you move more
22 towards hybrid systems. And then ultimately, in our world,
23 it's a little bit different. You know, you end up with full
24 central order books, where people are streaming liquidity
25 and electronically; but that process can take years.

1 And -- and I -- and I think, you know, the -- the
2 point of the RFQ and the central order book, I think that
3 has to be more consideration for -- for the many different
4 types of ways that -- that we design and develop systems
5 to -- to bring as much efficiency as we can to liquidity
6 formation, price discovery, ultimately, and -- and then
7 execution for participants.

8 MR. PLUTA: Yeah. I -- I think that the -- the
9 benefit of today's swaps market structure is that there's
10 multiple protocols and multiple ways to access the markets,
11 not one size fits all rather than just a future style. And
12 I think that's what's allowed to continue the growth, and
13 we'll continue the growth as we all innovate and create new
14 protocols.

15 COMMISSIONER PHAM: And I think that point is
16 especially highlighted by the -- seeing the volumes of the
17 non-MAT trades that are being executed on SEF. So thank you
18 for that.

19 GMAC VICE CHAIR BRADBURY: Adam, do you want to
20 close us out here?

21 MR. LISTER: Yeah. Hello, everyone. It's Adam
22 listed here. I -- I look after swaps electronic trading at
23 Bloomberg. Thank you very much to Commissioner Pham and
24 staff, GMAC chair and members for allowing me to present
25 Bloomberg's observation on the derivative marketplace just

1 over 10 years on from the pivotal period in late 2013, early
2 2014, which saw the launch of swap execution facilities and
3 trade execution requirement by the made available to trade
4 process.

5 I will attempt to provide context for the journey
6 of tremendous growth we've seen in the electronic space,
7 while highlighting some of the contrasting approaches we see
8 in other regulatory regimes around the world in the
9 intervening period. What we believe has worked well within
10 CFTC's jurisdiction and areas which might yet be improved
11 for the common good.

12 Firstly, I will start with the -- the market
13 structure with respect to the made available to trade
14 execution requirements. Bloomberg SEF offering consists of
15 interest rate swaps and credit default swaps, both
16 predominantly cleared and subject to the clearing mandate
17 and FX MDFs and options. I -- I'll just focus here on the
18 IRS and CDS cleared instruments.

19 As Tom has already shown in his slides, the growth
20 of IRS trading on SEFs has been a success story of the
21 Dodd-Frank Act viewed through the lens of transparency, fair
22 market access, and operational efficiencies. It's worth
23 noting that, as a percentage of total volumes and not just
24 new risk, trades and interest rate swaps subject to the
25 trade execution requirement represent a smaller fraction of

1 total swaps than at the launch of SEFs.

2 For example, our SEF sees great volume in list
3 trading offsets/collapses where customers choose to benefit
4 from the overall experience, even though that's not
5 compulsory. Just next slide, please.

6 I've -- I've actually, in contrast to IRS, I
7 thought I'd get a CDS slide just to get the perspective
8 there. As you'll see on the screen, those volumes over the
9 past decade have -- have seen a consistent growth pattern,
10 but we -- but we do see that the -- the percentage of MAT to
11 non-MAT has remained pretty constant. It's a very
12 standardized instruments and we don't see the twists and
13 turns of the IRS market, with trading of MAT instruments
14 very much the norm in that CDS market. Yeah. Next slide,
15 please.

16 Trading IRS over SEF in Q-1 2014, when the trading
17 mandate was introduced, was widely treated as compliance
18 with the law. Whereas, in contrast, trading in OIS swaps
19 fixed against the SOFR index grew relatively untroubled in
20 the interregnum between the de facto dollar LIBOR retirement
21 for new risk at the beginning of 2022 and subsequent
22 clearing mandate and trading mandate.

23 Customers put through incomp RFQ on SEF, not
24 because they had to, but because it's just how they do
25 business. The MAT listing process before the first

1 iteration of the execution mandate was fraught with the
2 various SEFs weighing out the implications of MATing this
3 instrument or that instrument, not yet having any kind of
4 commercial blueprint for what might happen next. When the
5 SOFR and SONIA trading mandates were proposed this time last
6 year, it barely caused a ripple, save for discussions
7 related to the block size changes. No small conversation,
8 but a calibration exercise more than a fundamental
9 disagreement.

10 Regarding the process of MAT itself, unlike futures
11 contracts with intellectual property owned by a particular
12 DCM. No SEF intrinsically owns a five year SOFR swap. When
13 Tradeweb filed last year, I was asked a number of times
14 whether we too would file a MAT application for the same
15 swaps. This to me seemed wholly redundant, because their
16 five year swap is exactly the same as ours.

17 In contrast, trading obligations in UK and Europe
18 are initiated by regular -- regulator lead consultations,
19 which, in my view, represent a less contentious approach.
20 The concern in the U.S., at least initially, was the asking
21 SEFs to mandate SEF trading was akin to asking the barber if
22 you need a haircut. That said, the outcomes have been
23 broadly similar with the focus on benchmark tenors only in
24 the most traded indices and SEF reputational risk a powerful
25 curb against MATing the world.

1 In terms of participants, how SEF is generally
2 considered to be a D to C marketplace, which broadly means
3 that fund managers, insurance companies, pension funds, bank
4 treasuries will typically act in the capacity of liquidity
5 taker versus the dealer community acting as liquidity
6 providers via disclosed request for quote. This structure
7 has remained remarkably constant over the years, not only in
8 the U.S., but in other jurisdictions where Bloomberg
9 operates.

10 While Bloomberg offers anonymous order book trading
11 for our products, it is only the CDX index suite that sees
12 activity by this execution method, a small but relevant
13 portion of our overall business. This does mean that a
14 diverse set of participants is able to transfer a risk to
15 one another directly. Why is this not taken off in IRS? I
16 think the sheer breadth of tenors is a factor, but also
17 customer's ability to leverage a relationship to transfer
18 bigger blocks of risk in one go is still of value.

19 With so many different use cases from standard
20 tenors to bespoke hedging structures, we have not seen the
21 futurization of swaps. But we are starting to see more
22 activity and requests for two way markets disclosed,
23 creating effectively an on demand book of sorts. This has
24 the advantage of mitigating the winner's curse, where only
25 the willing dealer -- the winning dealer, sorry, explicitly

1 knows the direction of the trade.

2 A couple of areas to also highlight. In the early
3 days of SEF, it was common to only trade three or four major
4 currencies, but our SEF now offers products in 27
5 currencies, and there are plenty of funds that will have
6 exposure in all of these. So that has been an exciting
7 development, as these markets have opened up.

8 In currencies beyond the majors, it is not uncommon
9 for local liquidity providers to be important players in
10 their respective markets, and many now wish to meet their
11 natural custom -- customer base through SEF, given the
12 benefits of pre-trade credit checks and post-trade clearing
13 reporting, but also expand their distribution through the
14 impartial access rules.

15 For example, a Brazilian hedge fund may trade
16 Mexican Peso swaps with a Mexican bank because of the SEF,
17 where they may otherwise not know each other or have the
18 requisite legal framework to deal. We view this as a
19 positive for overall price transparency and liquidity in the
20 market.

21 However, those that are not registered with the
22 CFTC as swap dealers, and who wish to remain below the --
23 the minimus threshold, will not provide prices to U.S.
24 persons, even though the trades would necessarily be
25 intermediated by their ECO/FCM per the SEF and CFTC rules.

1 If this -- if this trade were anonymous, the investor would
2 benefit from this liquidity, but because the standard
3 execution method of the marketplace is disclosed, their
4 access to that liquidity is curtailed for practical
5 purposes.

6 I would ask the commission to consider whether it
7 might be of interest to revisit this topic and weigh up the
8 benefits of improved pricing access for U.S. investors
9 versus any adverse impacts of extending the swap dealer
10 exemption. I note, that as this issue relates exclusively
11 to foreign entities, the natural -- the natural advocacy
12 here in the U.S. may be lacking. U.S. investors aren't
13 aware of the potential liquidity available, and the voice of
14 the non-U.S., non-swap dealer actors is naturally not going
15 to be strong. But we as a market venue, would like to pass
16 on these observations.

17 I commend the work of the CFTC in codifying the
18 majority of package transactions, but I -- I do want to
19 highlight one area of the rules which remains noticeably
20 unresolved, that of MAT versus futures package transactions,
21 which Tom alluded to earlier. The invoice spread is a very
22 popular and very liquid trade in the marketplace. I note,
23 that the no action relief from 2014 continues to this day,
24 with a proposed final date in November 2025.

25 The CFTC's DCM core principles details allowable

1 off exchange transactions, which includes a swap being the
2 related position versus a future. So far so good. In my
3 role, I speak to a lot of our participants, and I'm asked
4 often by the customers why they can execute all manner of
5 swap business through the venue, but they cannot trade the
6 swap leg of the dollar package electronically on SEF; which
7 they view as an aberration, given the efficiencies and
8 transparencies that we've discussed in this meeting.

9 In the European jurisdiction, we are starting to
10 see electronification of the Euro invoice spread market with
11 the benefits that automation can bring to the speed and
12 accuracy of the off book contract reporting and
13 commensurately transparency efficiency for the swap leg
14 executed on venue. While each DCM has its own set of rules
15 of what is and isn't permissible in each particular market,
16 I would like to suggest to the GMAC, that addressing the
17 outstanding no action relief to provide clarity on whether
18 or not the CFTC itself objects in principle to the swap
19 component of an invoice spread being traded on -- traded via
20 SEF execution methods. This would provide some legal
21 certainty in our further conversations with DCMs in efforts
22 to promote competition and transparency in line with the
23 Commodity Exchange Act.

24 In conclusion, I would like to thank the GMAC again
25 for the opportunity to share our views. It's been an

1 extraordinary period to work in this particular corner of
2 the industry. And while we still face many interesting
3 challenges, we believe the benefits of Dodd-Frank have been
4 felt by industry participants over the past 10 years in
5 increased transparency, access to liquidity, more efficient
6 processing, and ultimately a more secure market in which to
7 move risk. Thank you.

8 GMAC VICE CHAIR BRADBURY: Thank you, Tom, Scott,
9 and Adam. Are there any additional questions or comments
10 from the committee? Michael Winnike from BlackRock.

11 CO-CHAIR WINNIKE: Thank you, very much for this
12 informative presentation. First of all, I -- just a
13 comment. We wholeheartedly support the work by the industry
14 partnership between SEFs and exchanges to find a solution
15 for electronic creating an invoice spread. It is totally
16 sensible and would be very supportive of the industry
17 efforts to -- to move that forward.

18 In terms of -- my question, I have two questions
19 really about the relationship of MAT requirements to market
20 participant behavior. And, you know, we wholeheartedly, you
21 know, agree about the benefits of electronic trading of
22 swaps. We voluntarily trade swaps electronically that are
23 not subject to the MAT mandate, because of the operational
24 efficiency it brings, the reduction in operating risk, the
25 post-trade efficiencies.

1 There's a lot of benefits, but there are also some
2 unintended consequences when a MAT requirement runs up
3 against, you know, an operational outage. Where you're
4 unable to potentially access a SEF, may be unable to trade,
5 you know, when you have the application, in particular, of
6 an RF2 to 3 requirement where box sizes aren't perfectly
7 calibrated. You may be forced to put trades into
8 competition that, you know, could result in worse outcomes
9 for your clients.

10 So when we think about the -- the purpose of the
11 MAT requirement in creating these markets and driving
12 adoption of electronic trading, it -- it seems like from the
13 data you've presented, that most market participants are out
14 there voluntarily engaging in SEF execution even when it's
15 not mandated.

16 And do you think that MAT requirements are required
17 for, you know, for further expansion of this market or when
18 you look at events like the movement of SOFR from non-MAT to
19 MAT, did that really change market participant behavior, or
20 was that sort of already well accepted?

21 And then similarly, with RF2 to 3, do you find that
22 market participants are already voluntarily engaging in
23 putting trades into competition, when it's sensible and --
24 and don't need a sort of direction from a mandate to create
25 the adoption of that protocol?

1 MR. PLUTA: I can start. I think, the point -- the
2 point that I made and -- and others made is that, yes, as
3 trading on-SEF becomes more common place and people see the
4 benefits, all the benefits that -- that are -- they're well
5 known and articulated. Yes, there's more and more, there
6 can be more and more non-MAT trading. However, maybe that's
7 some or -- or most, but -- but not all. So I think the
8 benefits of having the MAT determination is that it does
9 bring much more into the SEFs and -- and then giving those
10 transparency efficiency benefits.

11 MR. LISTER: Yeah, I echo what -- what Tom's saying
12 there. I mean, we have 27 currencies, so 24 of those are
13 voluntary. And, you know, that -- that's just it's -- it's
14 only growing. So, yeah, we didn't really see the -- the
15 impact of the -- of the trading mandate itself. It kind --
16 it was kind of a lacking indicator of -- of the SOFR market
17 growth, which had exploded once the, you know, the -- the
18 mandate for no new risk came in and that lead up to SOFR
19 first.

20 So it didn't -- it didn't have as much of an impact
21 as I was kind of looking for at the time, really, because
22 people were already trading and they were already putting
23 their trades into competition. And I think we've actually
24 seen, I mean, RF2 to 3 is like, a minimum limit. I -- I
25 think I've seen lately that that's -- that's increased

1 almost. You know, I'm seeing more activity RF2 to many.

2 So, you know, our job is to put the, you know, the
3 protocols that customers want to use and -- and they're
4 using them. So, yeah, I don't know whether the trading
5 mandate itself had so much of an impact this time around.
6 It was it was certainly a very different environment 2013-14
7 when it first came in, when trading electronically might
8 have been anathema to a lot of market systems. But now
9 it's, I -- I think it's, when someone tells me that they
10 don't trade on SEF, it's almost their the aberration rather
11 than the other way around.

12 MR. FITZPATRICK: I feel like I say this a lot when
13 I come to these sessions, but my world was very different,
14 to the -- the words that -- that Tom and Adam live in. I
15 think the intention originally of -- of MATing swaps was not
16 only to concentrate liquidity and to regulate venues, but
17 also there was a pitch for transparency and the sort of
18 mitigation of sort of single dealer platforms and bringing
19 competition to -- to the market.

20 In the IDB world, we essentially run order books
21 across our entire global organization, where whether a swap
22 is MAT or not, we are operating in those swaps in the same
23 fashion as we do in MAT swaps. Right?

24 The only difference really being that when SEFs
25 were introduced. And specifically when MAT swaps were

1 introduced, we -- we were forced to take the interest rate
2 relative desk that was subject to that world and the credit
3 relative desk that was subject to that world, and put a nice
4 regulatory wrapper around those businesses and call them
5 SEFs. Right.

6 And at that point, you know, going back to Footnote
7 88, the world as we saw it, and what we thought it would
8 look like, is we would have SEFs for those MAT swaps and
9 adhering to all the requirements that that brings with it,
10 and we would be operating our IB and other regulatory
11 structures, that would facilitate in non-MAT swaps. And
12 then Footnote 88 turned up.

13 And what that did for, us, was mean -- that all of
14 these other efficient operating models that we have, and
15 still have today, doing exactly what they do with all the
16 different liquidity formation tools and trading platforms
17 and all these brokers that we have facilitating those
18 markets. Essentially, we're now no longer allowed to
19 execute swap. We could do, everything else but, and we
20 either had to register all of those businesses as SEFs,
21 which was completely counter productive, or at that point,
22 take that as a prearranged transaction, pass it through the
23 SEF for execution.

24 So for me, the MAT versus non-MAT thing is a very,
25 sort of different argument. It's more a structural thing

1 than is a liquidity thing.

2 GMAC CHAIR HONG: All right. Thank you. I found
3 it useful to hear about the industry's journey over the
4 years, including the market's voluntary adoption of
5 electronic trading. And also appreciate how you laid out
6 the global nature of the swap markets and the jurisdictional
7 differences in trading mandates around the world.

8 I would now like to welcome Tara Kruse, global head
9 of infrastructure, data and non-cleared margin for ISDA and
10 co-chair of the technical issues subcommittee, to present
11 the subcommittee's recommendation on variation margin
12 processes in non-centrally cleared markets. Tara you have
13 the floor.

14 CO-CHAIR KRUSE: Thank you, Amy. Thank you,
15 Commissioner Pham, and Chairs Bradbury and Hong, for the
16 opportunity to present on behalf of the technical issues
17 subcommittee, my co-chair Allison Lurton, on streamlining
18 variation margin processes.

19 Following the global implementation of margin
20 requirements for non-cleared derivatives, there was an
21 exponential increase in margin call and settlement volumes,
22 raising the necessity for efficient collateral and liquidity
23 management practices; especially during the times of market
24 volatility. The importance of streamlining variation margin
25 processes is recognized by market participants who are using

1 standards and solutions, and by global regulatory
2 authorities who are putting forward recommendations on that
3 front. You can move to the two slides forward, you like.

4 Background there. Periods of market volatility,
5 including the global pandemic and afterwards, prompted BCBS,
6 IOSCO and CPMI to publish consultative reports on review of
7 margining practices in 2021 and in 2022. They propose that
8 there be further international coordination to look at ways
9 that they could foster market participants ability to be
10 prepared for liquidity and increased collateral volumes in
11 times of market stress, in particular. In January of this
12 year, that work culminated in a report by the BCBS and
13 IOSCO's working group on margin requirements, with a set of
14 recommendations for streamlining variation margin practices.
15 Next slide.

16 The technical issue subcommittee request that the
17 GMAC adopt its recommendation for the CFTC to support and
18 facilitate industry implementation of the BCBS and IOSCO
19 recommendations for streamlining of variation margin
20 practices. It's worth noting that during the process for
21 the consultation, there were no major issues that were
22 discovered with respect to collateral processes. Rather,
23 there were more isolated issues, and there were certainly
24 consensus across the board, there were opportunities to
25 mitigate future similar events by automation, streamlining

1 of work flows, and implementation of industry data
2 standards. There were four recommendations put forward by
3 BCBS-IOSCO in respect of variation margin practices. Next
4 slide. Next slide.

5 BCBS-IOSCO Recommendation No. 1: Dealer banks and
6 other in-market intermediaries should address the
7 operational and legal challenges that could potentially
8 inhibit a seamless exchange of margin and collateral calls
9 during a stress period.

10 The subcommittee supports this recommendation
11 knowing that, for instance, online negotiation tools and
12 digital output solutions can reduce the cost of legal
13 documentation negotiations and streamline onboarding
14 timelines. Digital documentation output can automate input
15 to relevant systems, reducing collateral management disputes
16 and respective operational risks. Next slide.

17 BCBS-IOSCO Recommendation Number 2: With the
18 intent to mitigate liquidity issues and subsequent dash for
19 cash during periods of stress, firms should consider
20 providing flexibility and bilaterally agreed acceptable
21 collateral from within the set of permissible collateral
22 types.

23 Two points to make in regards to this
24 recommendation. First, in times of market volatility,
25 having constraints within eligible collateral schedules,

1 such as only cash or only cash and government securities,
2 can increase operational risk and liquidity constraints.
3 Although there are a number of considerations the parties
4 have to make, they should consider entertaining a broad list
5 of eligible collateral and ensure that they have streamlined
6 operational capabilities for delivery and return of each of
7 those collateral types. Next slide.

8 Rule amendments and clarifications can enable use
9 of a more diverse pool of collateral within the WGMR
10 parameters. As mentioned by Commissioner Pham earlier, the
11 CFTC proposed amendments to harmonize cross-border use of
12 government only money market funds, by eliminating the fund
13 restriction on asset transfer within securities lending and
14 repurchase agreements. On November 6, 2023, the GMAC
15 recommended that the CFTC finalize this rule proposal. And
16 then on March 6th of 2024, the GMAC adopted a recommendation
17 that the CFTC clarify that U.S. Treasury Exchange traded
18 funds qualify as eligible collateral. Next line.

19 BCBS-IOSCO Recommendation No. 3: Firms should
20 consider the advantages of standardization and automation of
21 their non-centrally cleared margin processes to reduce
22 friction and the possibility of operational delays or
23 failures. Firms that have unique processes for margin calls
24 and collateral settlement create operational friction and
25 rising overhead costs and resources. Implementing suggested

1 operational practices, like those published by ISDA, and
2 automating work flows will reduce these challenges;
3 mitigating disputes. For instance, if you streamline margin
4 calls with standardized fields across counterparties, it'll
5 help ensure that discrepancies can be resolved timely and
6 easily. Next slide.

7 Furthermore, using mutually developed and open
8 source data standards to represent eligible collateral, the
9 terms and operational functions of legal agreements and
10 margin call and cash collateral processes, can reduce
11 operational friction, improve collateral optimization and
12 expedite processing within and between counterparties,
13 vendors and market infrastructure providers.

14 For example, members of ICMA, ISLA and ISDA have
15 collaboratively build eligible collateral representation in
16 digital form with the common domain model. By digitally
17 representing collateral in a uniform way across multiple
18 products and systems, data transfer issues related to
19 collateral sourcing and collateral management among repo,
20 SEC lending and OTC derivatives can be decreased. Next
21 slide.

22 Finally, BCBS-IOSCO Recommendation No. 4: Says,
23 firms should consider whether the utilization of third party
24 services would be helpful in their efforts to improve
25 non-centrally cleared BM processes. It is sensible that

1 firms do not have -- that do not have the scale or
2 infrastructure to build efficient in-house operations and
3 processes, could research and analyze infrastructure
4 providers with robust technical offerings and streamlined
5 operations for collateral management calculations, margin
6 call messaging, lateral operations optimization and
7 portfolio reconciliation. Firms should encourage those
8 providers to align with industry suggested operational
9 practices and leverage common data standards whenever
10 possible to promote consistency, accuracy, and
11 interoperability.

12 These are the four recommendations that the
13 subcommittee would like the GMAC to support.

14 GMAC CHAIR HONG: Thank you, Tara, and thanks to
15 the technical issues subcommittee. Are there any questions
16 or comments from the committee? All right. Committee
17 members, we have now discussed the recommendation on
18 variation margin processes in non-centrally cleared markets.
19 Is there a motion from the body to adopt this recommendation
20 and submit the recommendation to the commission?

21 MEMBER: So, moved.

22 GMAC CHAIR HONG: Do we have a second?

23 MEMBER: Second.

24 GMAC CHAIR HONG: Thank you. It has been moved and
25 seconded. Are there any additional questions or comments?

1 With that we will move to a vote. The motion is on the --
2 the motion on the floor is for the GMAC to adopt the
3 technical issues subcommittees recommendation and to submit
4 it to the commission for consideration. As a point of
5 order, a simple majority vote is necessary for the motion to
6 pass. I will turn it over to the DFO to conduct a voice
7 vote.

8 MR. JUNG: Thank you, Chair Hong. Committee
9 members in agreement, please raise your hand and say, aye.
10 Thank you. In disagreement, please raise your hand and say
11 nay. Abstentions? Please give us a moment while we tally
12 the votes. Chair, you have 27 yeses and one abstention.

13 GMAC CHAIR HONG: Thank you. The ayes have it and
14 the motion carries. The technical issues subcommittee's
15 recommendation regarding variation margin processes in
16 non-cleared markets has been adopted by the GMAC and will be
17 submitted to the commission for consideration.

18 We're running a few minutes behind schedule, and so
19 we're actually going to shorten the break to just five
20 minutes. If folks could please return to the room by --
21 actually, if folks could return to the room by noon, that
22 would be great. So we'll have a 10 minute break. Thank
23 you.

24 (Break.)

25 GMAC CHAIR HONG: Thanks everybody. I would now

1 like to welcome Derek Sammann from the CME, who will present
2 on global commodity markets. Derek, you have the floor.

3 MR. SAMMANN: Thank you. Thank you, Commissioner
4 Pham. Appreciate being here. I'm fortunate to sit on
5 Chairman Behman's advisory committee as a member of that
6 committee, as well as chair -- Commissioner Mersinger's
7 energy and environmental markets advisory committee. So,
8 thanks for letting me come talk about commodities with the
9 group today here.

10 Commodities, if you can go forward two slides for
11 me. Pass the disclaimer, there we go. I'll talk about
12 commodities with a capital C. So we're talking about Ags,
13 energy and metals, and I'll do a quick deep dive into what
14 we've seen most recently in the copper market, as what we've
15 seen in the wheat market and agricultural markets,
16 generally.

17 When we think about the commodities markets
18 overall, you're talking about physical markets. Now, I
19 spent the first 17 years of my career trading as an
20 InterBank FX option structure products trader. I came to
21 commodities in kind of the mid-teams within CME group. And
22 there's a fundamental difference, as many around this table
23 already know, between the physical delivered world of
24 railcars of cattle or pallets of copper or bushels of wheat
25 and Treasury baskets and currencies that get delivered. So

1 they're unique drivers and impacts that move markets and
2 impact physical supply chains and create unique risks.
3 Actually, many of those that Thane had mentioned at the top
4 of the conversation that Cargill deals with every single
5 day.

6 When we look at the overall commodities business
7 and markets overall, over the last certainly, 6 to 12
8 months, we've seen substantial increases in volume,
9 participation, globalization, client segment growth. When
10 you look across CME groups overall portfolio, or commodities
11 portfolio represents a little over a third of the revenues
12 of the entire firm. A lot of people will think about CME
13 group as a fixed income shop, and that's absolutely true,
14 but an increasing proportion of our activity takes place
15 across this commodities portfolio overall.

16 The commodities markets are impacted by a number of
17 things that also impact financial markets, but some have
18 outside impacts and physical markets, whether it's
19 geopolitics, inflation, wars in The Middle East, Ukraine,
20 Russia. Weather events, seasonality of each of these
21 individual markets and the energy transition and energy
22 policies are having an increasing impact on both supply and
23 demand of a lot of the input costs that drive inflation
24 elsewhere, that are parts of the supply chain across many of
25 our customers.

1 When you look at the activity over the last 6 to 12
2 months in our markets, a couple of observations I would
3 make.

4 First of all, the commodity side of the business is
5 the fastest growing at CME Group this year. Metals is up 22
6 percent this year. Our energy business up 17 percent. Our
7 agricultural products markets is up 15 percent. That's on
8 the volume side. What's also important is to say what's
9 happening with open interest and where's the risk being
10 carried. And we're seeing significant growth in open
11 interest holdings and I'll talk about the client segment
12 growth as well, but our metals open interest is up almost 30
13 percent this year. Energy, up 13 percent, agricultural
14 products up 10 percent. So we're seeing increases in
15 volumes, increased participation and increase in holdings of
16 these products as well.

17 So we're also seeing a another trend which I think
18 is probably industry wide, but even faster on the commodity
19 side. Which is the increasing proportion of risk being
20 carried in options in our markets. And I'll touch on this
21 relative to copper specifically. We've actually seen open
22 interest in our copper options market exceed open interest
23 in our copper futures market for the first time, just last
24 week, both of which stand at record levels right now.

25 What's important about our observations of what we

1 see across the Ags, energy and metals nexus is a couple of
2 things. Client growth, we're seeing every single client
3 segment increase their exposure and activity in our markets.
4 That's everyone from commercial participants and the
5 buy-side, who are two fastest growing client segments across
6 all three of these businesses. We're seeing banks, which
7 are primarily indexing desks now. There's no such thing as
8 a primary dealing desk in -- in oil at a bank or in corn or
9 in beans. We're seeing increasing participation even for
10 the retail side. And so we're seeing every client segment
11 that we track is growing in commodities this year, true last
12 year as well. We're seeing our fastest growth take place
13 led by our EMEA business, secondarily in APAC. Our U.S.
14 business continues to grow, but is outpaced by non-U.S.
15 participation as many of our products increasingly
16 globalize.

17 And the last trend I'd note is, that we're seeing
18 an increasing convergence across these asset classes. We're
19 seeing more typically historically energy only traders
20 trading more into agricultural products. Whether it's the
21 crossover products or heating oil, bean oil or any of the
22 environmental products. We're seeing metals traders,
23 whether it's the entree into copper or battery metals, now
24 trade into energy markets.

25 Those lines of distinction, that used to

1 distinguish an energy market from an agricultural products
2 market to a metals market are blurring, and we're seeing
3 increasing participation across all three, as customers are
4 looking to gain global exposure. Whether it's
5 non-correlated returns in a market of uncertain rates and an
6 uncertain equity market. That's been a primary driver of
7 increased activity by the buy-side across our markets. If
8 you can go forward one page for me, two pages. Yeah, there
9 we go.

10 Very, very briefly. And many of you are partners
11 and customers around this room, so I won't belabor this, but
12 we have seen over a decade of consistent growth in our
13 metals portfolio. Our metals portfolio when we bought COMEX
14 back in 2008 was probably 90 percent precious metals and 10
15 percent base metals. Since then, our business has more than
16 doubled, and that's probably 70 percent precious metals and
17 30 percent base metals right now. So if you do the math on
18 that, you'd see the base metals business continues to
19 significantly out perform as a proportion of overall
20 footprint in our metals markets. And if you just eyeball
21 and squint at that graph, you'll see that that light bar at
22 the top is options, and options continues to be an outsized
23 growth driver for commodities portfolio overall, and
24 certainly is the case here for the metals market as well.
25 Can you go forward one more for me?

1 The -- taking a quick pause on copper, and knowing
2 that we're short on time, I'll -- I'll run through this
3 pretty quickly. Copper market activity is particularly been
4 a point of growth. And we'll talk specifically about the
5 events of just a couple of weeks ago, on the back of the
6 Biden Administration's announcement on Russian sanctions.
7 But overall when you take a step back, CME Group's copper
8 business, in both options and futures, has been a continued
9 upward trend. There's a lot going on in that graph.
10 Everything is up and to the right. That's volume, that's
11 open interest in options and futures. And that top blue
12 line is the price of copper.

13 So as you're seeing increasing demand, you're
14 seeing, in some cases constricted supply; that's obviously
15 pushing price up. You're seeing increasing participation.
16 The green line is worth noting, that's open interest in
17 copper options. You'll see that just eclipsed in May of
18 2024 to now have more open interest in copper options than
19 futures. We've not seen that happen until just this past
20 month.

21 So we are seeing, as I said, the fastest growing
22 client segments across our copper market. True of -- of
23 metals overall, is number one commercials and when I use
24 that term as end users, it's folks like Cargill. It's the
25 big trading house, the merchant traders, the Vitales, the

1 Bunge, the -- the Vitales of this world, as well as small
2 manufacturers. So the end user participants, second fastest
3 growing is the buy-side, hedge funds, asset managers,
4 pension funds and that's the search for uncorrelated return.
5 Those looking to diversify their portfolios and carry an
6 amount of exposure to asset classes will give them some sort
7 of a return, beyond just the typical fixed income and
8 equities markets in which they operate.

9 Flipping over one more page. I want to spend just
10 a moment on some of the supply and demand dynamics that were
11 seen in the copper market. On the right hand side, that's
12 just a graph. We've all seen some version of this,
13 significant increased expected growth of electric vehicles.
14 Anytime you talk about energy transition, green transition,
15 that's going to put a significant focus on copper.

16 Copper is a part of every single portion of the
17 energy transition. You can't build an offshore wind turbine
18 without copper. You can't build a charging station for any
19 EV without copper. You can't build and invest in
20 infrastructure without copper.

21 So there are some expectations here in terms of
22 just pure EV growth, which is on the chart there, but
23 there's also an expectation, as noted in that first bullet
24 point there, about the significant increased demand for
25 copper over the next 15 years, that will significantly out

1 strip availability today. That's putting pressure on supply
2 chains. And what does that mean for what we're seeing in
3 our markets right now?

4 So number one, as I said, we're seeing a great deal
5 of demand. So demand is outstripping supply right now. So
6 as you're seeing both the increasing needs of physical
7 copper, which our copper contract reflects, you're also
8 seeing some tight supply right now. Whether it's drought in
9 South America, whether it's a lot of the demand draining
10 physical supplies. And we're seeing physical supplies go
11 right into consumption. That's putting pressure on
12 infrastructure. That's putting some pressure on supplies,
13 that is putting pressure on existing inventories and
14 eligible material.

15 So what we're seeing is continued demand and
16 increase. That's, I think, why we're seeing record levels
17 of open interest in both futures and options as customers
18 are preparing for what is going to be, I think, increasingly
19 and continued a tight supply of the copper market. You can
20 go one page over for me.

21 I want to talk a little bit about some of the --
22 what safeguards and processes we have in our markets. And
23 then we'll talk about specifically how each of these
24 performed in the events of earlier May, when we saw the
25 reaction to the Biden Administration's announcement on

1 Russian sanctions.

2 We've got a number of -- of ways in which we
3 continue to maintain regular markets, consistent markets
4 well managed markets. Again, looking around the table, we
5 see clearing firms and customers. So you know this well,
6 but it's the hallmark of what we do and how we operate from
7 within a market reg in a clearinghouse risk perspective.
8 First and foremost, we have clear defined circuit breakers
9 in almost all of our markets and copper specifically, we
10 have a mechanism for using a velocity logic mechanism to
11 chart how far markets move in a prescribed time period. If
12 they exceed that time, we -- our markets go into a halt
13 state, let the market recollect itself and then reopen and
14 allow price discovery to continue to happen.

15 Those are deterministic behaviors, so people know
16 exactly how those operate. What to expect when we hit a
17 velocity logic event, so customers can be exactly
18 understanding fully what is going to happen in the event of
19 what kind of price action taking place.

20 We've got extensive work that we've done across all
21 of our asset classes around spot month position limits.
22 This is imperative as our market reg incurring house risk,
23 people are continually oversighting who's in our markets,
24 with what kind of positions. They have a right at any point
25 in time to pick up the phone on the market regs side and

1 reach out to end user customers and ask them what's on the
2 other side of their position. We have a mechanism to allow
3 end user customers that have the physical, whether it's
4 copper, whether it's corn, whether it's oil, what they have
5 on the other side, to make sure that our risk management
6 practices are intact. So that we know that there is a
7 position on the other side of that. That maintains market
8 integrity.

9 We've got proactive risk management functions. We
10 have twice daily margin runs that go through the system to
11 make sure that we pay and collect and make sure the system
12 is made whole. That's a process we can call more than those
13 two minimum functions a day, but that's part of the regular
14 sediment cycle, and that keeps folks in the market. And I
15 think it lends itself to the trust and the transparency of
16 our risk management practices.

17 Additionally, we also have a liquidity and
18 concentration, a top up so the clearing house can call. So
19 if in looking at each individual underlying market, our
20 market reg can look into the positions of end user
21 customers. I on the commercial side can't see that. That
22 is a pure market reg function, and they can look into that
23 and say, hey, they -- they are concerned about what that
24 might mean for overall liquidity considerations and increase
25 individual top ups on firms and/or look at concentration

1 risk, even if they might be below position limits, if
2 there's still an outsized proportion of the total, they can
3 manage that so that we've got healthy proactive risk
4 management in times of not just market stress, but normal
5 activity as well. So we're very, very proactive on the risk
6 management side.

7 If you go over one more page, I'll talk about just
8 a -- a moment or two about these practices in place. And
9 what we saw happened earlier this month. As I mentioned,
10 back in the 2nd week of May, we saw the Biden Administration
11 announced additional sanctions on Russian products. There
12 was a concern from the market that that would mean that
13 Russian material, particularly copper, would not be eligible
14 going forward into COMEX stocks.

15 Question about what sort of Russian materials would
16 be allowed into any global stocks of any exchange or
17 physical delivery mechanism. And so there was a market
18 reaction to that. We saw certainly headline price movement.
19 What we saw in our market was the spread between July and
20 September move out as demand significantly increased for
21 that September time period, around the concerns that there
22 was a lack of clarity as to where the physical supply would
23 be able to be sourced from. To be able to acquire that
24 copper for deliverable into out months.

25 We saw there was certainly an increase in that

1 spread price went from 10 cents to 30 cents. There was a --
2 volatility certainly increased, circuit breakers were hit.
3 As I said, deterministic behavior. People knew exactly what
4 to expect. The market operated as the market had expected.
5 At the same time, margins were addressed by our
6 clearinghouse. What did we see? This is very much a risk
7 on environment. Oftentimes, and we've seen this over the
8 last couple of cycles. We have seen events that have been a
9 risk off environment. We see a flurry of activity, customer
10 closing positions, stepping back and trying to figure out
11 what was going on. This is very much a risk on activity.
12 And here's what I mean by that.

13 We saw volume increase as expected. We saw markets
14 run through the process and risk management as expected,
15 smooth market price discovery continued to take place. We
16 saw all customers continue to operate in our market. We saw
17 not just volume go up, we saw open interest now hit record
18 levels over the last three weeks. So it's an indication
19 that the customers are looking for safety and secured and
20 regulated markets. The CFTC is the best in the business for
21 that.

22 Global customers are continually adopting U.S.
23 based products under the CFTC because this is where they
24 feel comfortable managing risk, in both quiet but also in
25 moving markets. So from the -- the basis of where we've

1 seen the outcomes of that, the market normalized over the
2 first couple of days, we've see margins start to normalize
3 back down. As I said, increased activity and increased open
4 interest on the back of the last couple of weeks. So, to
5 the extent that we've got processes on paper, processes in
6 application, and how that displayed itself and how we're
7 seeing at record levels of open interest and activity across
8 all client segments in copper, is a positive sign for the
9 adoption of CFTC's risk management expectations over DCMs
10 and DCOs, like CME Group.

11 Quickly turning over to the agricultural products
12 market or we've got a broad and diverse portfolio products.
13 On one side, we got our grains and oil seeds business, which
14 is the biggest of what we have. Our three biggest
15 benchmarks there are corn, wheat and soybeans. We've got a
16 livestock business, which is basically various products
17 in -- in cattle and hogs, and then smaller markets both in
18 dairy and lumber and a few other smaller products, on the --
19 on the doc there.

20 What I'd say about this business, if you flip over
21 one side for me. Again, we're seeing record levels of
22 activity in our agricultural markets. And the -- the
23 comment I made at the top of the conversation about the
24 client segmentation participation. Fastest growing
25 businesses are commercial enduser participants. It's

1 Cargill and customers like that. Its ranchers and farmers.
2 It's both institutional clients on the -- on the commodity
3 side, as well as a number of financial players, hedge funds,
4 asset managers, broadly, what we refer to as buy-side
5 clients; our two fastest growing client segments.

6 I would say that every single client segment is
7 growing. Banks in that category. Banks, as I said, in
8 commodities, tend to be the indexing desks. Matching
9 returns, and they trade back into our futures products,
10 either to replicate the index or to hedge out their index
11 exposure for their customers or structure products they sell
12 to their customers. But the underlying exposure to
13 commodities overall continues to increase.

14 So in aggregate, commercials growing the fastest,
15 followed by end users, but all client segments, including
16 even what we call retail, which is more professional retail,
17 not individual self-directed, but professional retail growth
18 is -- is what's driving and lifting our business. You set a
19 record volume in participation in 2024 and the business is
20 up another 16 percent so far year to date this year.

21 Moving forward, there's a slide or two on our wheat
22 contract, and this is our -- we have two wheat contracts,
23 one with the Chicago wheat. Kansas City wheat, through an
24 acquisition of the Kansas City Board of Trade a number of
25 years ago. We're seeing significant growth here in

1 participation.

2 True in soybeans as well. Soybeans is probably the
3 one market along with corn where we're seeing the most
4 crossover of energy traders entering into explicit trading
5 desks in these Ag products, just given the crossover corn
6 into ethanol, soybeans into renewable biodiesel, et cetera.
7 Since we have benchmark liquidity in both of those products,
8 were seeing more participation. We're also seeing more Ag
9 customer setup energy trading portions of their teams and
10 allocating capital to that as well. So it's a really
11 interesting convergence of asset classes, but then a porting
12 of clients across these asset classes as well; breaking down
13 those traditional silos of differentiation. One more page
14 over.

15 When we talk about activity and events and
16 disruption in markets. We go back to Ukraine's invasion by
17 Russia and the impact. Not surprisingly, we were all in the
18 markets at that time. We saw what happened there. At a
19 point in time an unexpected removal of 25 percent of the
20 global wheat market had a significant impact in our markets
21 and in global pricing generally. Customers continue to
22 operate in our markets. We did see activity significantly
23 increase. We did see bid-ask spreads go out. We saw depth
24 book go down, but we didn't see people exit the market. We
25 saw people trusting in the infrastructure, trusting in the

1 clearing capabilities, and I'll talk about those in just a
2 moment. Entrusting in the ways in which we manage fairly
3 significant risk in all of our physical markets. You can
4 flip over one more page.

5 This is just a two charts of looking at the -- the
6 bid-ask spread significantly increased and then came back.
7 And that's the depth of book going into the event at the
8 event. And you can see the recovery of that depth of book
9 over time. So when we look at our markets and the operating
10 principles that we have on the clearing and risk management
11 side, our markets provide as any exchange do. You can go
12 one more page forward.

13 Our markets on the DCM side, responsible for making
14 sure that we provide lit markets, greatest transparency,
15 depth of book, active participation, and make sure customers
16 can price discover in any kind of market environment. The
17 other side is risk management, on the -- on the DCO side,
18 making sure that we risk management in a way that is
19 reflective of underlying risk, that maintains integrity in
20 our system and make sure that there's always a buyer for
21 every seller, seller for every buyer.

22 So, as difficult and challenging and unexpected as
23 that event was, our markets continued to operate,
24 proactively managing, margins, both up and down and kept
25 customers in our market and kept that process in the --

1 in -- in motion for our customers.

2 So similar to what I mentioned on the metal side, a
3 couple of things that are worth noting. On the market
4 safeguard side, continuous monitoring of market conditions.
5 So our market reg and clearing house risk phones don't look
6 at events just after they happen. Were constantly looking
7 at and scanning the horizon for events as they start to
8 unfold. So as you started to see concern, oftentimes, most
9 oftentimes, our risk management would be ahead of the curve
10 and start to implement levels of concern. Looking at margin
11 levels and making sure that there's a general health check
12 from a risk management and a client perspective. So that
13 we're not caught surprised when there's an event that
14 actually takes place.

15 The Ag markets are the one market where, I think as
16 you are aware, we have federal imposed position limits and
17 federal imposed price limits. So to the extent that our
18 markets can't move beyond a prescribed amount. And they,
19 again, deterministic behavior for how those price limits are
20 managed, how they're determined linked to underlying
21 deliverable supply. And on the market limit side, the
22 position limits side and the price banding side, through our
23 responsibility to report to the CFTC, we have clearly
24 defined pricing rules for how much any market can move on
25 any given day.

1 Position limits and spot month, particularly in
2 physically deliverable products is absolutely imperative.
3 As I mentioned, on the -- on the metal side, our market
4 participants know exactly what they can carry into the spot
5 month for delivery. The market Reg department has the
6 right, and regularly does, reach out to customers in those
7 delivery windows to ask what they're carrying, their
8 positions are, what their intention is. Again, I can't see
9 that on the business side, this is a pure market risk and
10 market reg conversation. So that we, on the DCO side, in
11 our risk management principles, know exactly what risk is in
12 our markets, what sits behind that, and to make sure that
13 our -- our full integrity of our market risk capabilities
14 are being brought to every one of these markets.

15 Margin. As I said, proactive risk management
16 principles and making sure that we're raising and lowering
17 margins reflective of market liquidity, concentration risk
18 over line under -- overarching volatility, not just in one
19 particular market, but associated markets as well. Whether
20 it's out into physical markets, out into associated markets
21 or out into spot or swap markets. Our market reg department
22 oversees all of those markets to make sure we're seeing the
23 whole picture, and are in front of, any event that might
24 create risk in the system.

25 And then the last point I would make is on the

1 liquidity and concentration concerns. Our market reg
2 continues to look at, as does the risk team, at individual
3 participants in our market. If there is a level of concern
4 about the position that they have relative to open interest
5 and/or overall liquidity, they have the right to allocate
6 additional top ups for positions to make sure there's
7 integrity in the system overall.

8 One last slide here, and then I will pass on is, as
9 I mentioned at the top of the conversation, this is true in
10 agriculture products, and I shared this as part of a much
11 broader conversation with Chairman Behnam's Ag advisory
12 committee in Kansas City a few months ago. We're continuing
13 to see a significant growth in commodities options. That's
14 true in Ags, energy and metals. I think we're seeing both
15 lit markets, globalizing. Our fastest growth in our
16 commodities options business is in -- first in Europe.
17 Secondly, in APAC. U.S. is growing, but we're seeing
18 outsized growth in Europe, particularly in the -- the growth
19 here. We had set records in our Ag options in 2023, we're
20 set another record in the first quarter of 2024, and that
21 growth continues.

22 I think all around this table are looking at
23 options, are involved in the options market in some way.
24 It's continuing to bigger -- be a bigger piece of all of our
25 customers portfolio. It's an important part of our risk

1 transfer and tools that we have. Very much a theme that's
2 in place in our physical commodities markets at CME Group
3 overall, as well. So with that, I will stop short of
4 talking about energy and cut off here, because I know we're
5 little short on time.

6 COMMISSIONER PHAM: Actually, we still have time.
7 We managed to catch up, and this has been a fascinating
8 presentation. So if you do have more, please go ahead.
9 Otherwise, thank you for filling out your bingo card with
10 the CFTC advisory committees three out of five. So there's
11 still time. Two more.

12 MR. SAMMANN: Yeah, I've got two more to hit.
13 Three down, two to go. So yeah, I think I'll probably stop
14 there. And the energy was just background slide. Please
15 consider this referential material. This is all public
16 information. It's more just sort of what we're seeing
17 globally in the energy market. But relative to, I think,
18 the requests from the -- from the -- that got to me from
19 Julie Winkler, speaking about what's seen in commodities
20 markets, particularly in events, and how the risk management
21 capabilities are playing out and how our markets are
22 responding.

23 So hopefully that gives the committee a sense for
24 what's happening in Commodities with a capital C, there's a
25 lot of individual product growth stories, whether it's

1 natural gas, whether it's TTF in Europe or here we have in
2 the U.S., and we're seeing a lot of, you know, battery
3 metals, transition products, biofuels, renewables, frontier
4 markets that are moving through energies. It's as
5 fascinating space. But in aggregate, I think we're seeing,
6 again, fastest growth across commercial participants, number
7 one, which you would expect to see in a market like this.
8 As well as, buy-side that are increasingly seeking exposure
9 to these markets and doing that in regulated markets, to
10 make sure they've got the all the investor safeguards and
11 protections that they come to expect out of DCMs and DCOs in
12 the U.S.

13 COMMISSIONER PHAM: Thank you. I think this
14 presentation is extremely helpful because of the -- the
15 in-depth detail on the market characteristics and trading
16 activity and -- and client segments, as you said. And also
17 the insight into the fundamentals that are driving a lot of
18 this activity. It's incredibly helpful. Thank you.

19 MR. KENNEDY: Can I ask you a quick -- quick
20 question. That was a great presentation. Thank you. So
21 you mentioned a couple of times the impact of the Russian
22 Ukraine War on volatility and risk. And that's kind of had
23 a knock down effect, because now policymakers are starting
24 to look at liquidity preparedness of NBFIs, amidst some of
25 that commodity market volatility. We see that in the -- the

1 FSB has a consultation paper on this, and the European
2 Commission, just issued a consultation paper on it.

3 I'd love to get your -- your thoughts, if you guys
4 have had a chance to think through those issues.

5 MR. SAMMANN: I'm fairly certain we've got a number
6 of comment letters forward, not just in our own name, but I
7 also sit on the executive committee of the commodities
8 market counsel. So to the extent that they're a voice of
9 the physical end user community into the concerns; and I
10 think Thane did a terrific job -- is Thane still here?
11 Talking about the concerns from a physical end user and what
12 that looks like. We share those concerns.

13 I -- I shared this at the -- at the EMAC, I think,
14 two months ago with Commissioner Mersinger; the concerns
15 that we have, as a firm, around the increasing capital
16 charge and what that means, that will impact everyone in the
17 entire supply chain all the way down to the end user,
18 individual firm on rancher out there. The impacts are going
19 to be broad. And we, I think, are all concerned about
20 pushing that business out into unregulated markets or worse
21 case scenario, leaving positions on hedge. That's -- that
22 should not be the outcome of -- of the direction and travel
23 we want to go.

24 COMMISSIONER PHAM: Jackie Mesa, from the FIA.

25 MS. MESA: Thank you. That -- that was a really

1 interesting presentation. Really out of curiosity, you said
2 that the commercial end users were the fastest growing
3 segment. And options also, of course, are -- are growing
4 very quickly. How do you see the client segments maybe
5 differ in growth from options markets versus futures? Are
6 they completely aligned?

7 MR. SAMMANN: I would say they're fairly closely
8 aligned. When I'm -- I'm just going to try to reference my
9 stats here. To the extent that we track each one of these
10 client segments, we track them on prop firms, buy-side
11 banks, corporate retail. I would say in -- in order, in
12 descending order of activity. I'd put, you know,
13 commercials for the most part as the fastest growing, and
14 then probably buy-side as second fastest. Banks, again,
15 mostly indexing desks, probably third and fourth. Middle of
16 the pack are props and liquidity providers, are absolutely
17 crucial to make sure that we've got liquidity in each one of
18 these markets. And probably one of the things that I missed
19 touching on was the regional growth of the futures and
20 options as well.

21 Options is seeing an outsized growth rate overall
22 and outsized growth rate outside the U.S. Now that's coming
23 from a lower overall base, so it's going to show higher
24 percentage gains. But we are seeing an increasing
25 proportion of our total business, I'm talking, you know, at

1 the portfolio level overall, coming primarily out of Europe,
2 you know, in the 30 to 40 percent range, and then followed
3 by APAC after that. U.S. continues to grow, it's a more
4 mature market than the other two, but we're seeing an
5 increase in record levels of participation coming from
6 outside the U.S. in options as well, yeah.

7 And I think that's a function of -- of as we
8 continue, as Asia continues to adopt more options practices,
9 as we all invest in technology to make sure that we can
10 provide lit markets into early Asian trading hours all the
11 way through to the, you know, The West Coast close here in
12 the U.S. These are markets we, you know, the only trading
13 pit we have left at CME group is the SOFR options pit.
14 Everything else, you transition electronically. So as much
15 as we can port liquidity and complex spread trading
16 capabilities onto a trading screen with lit markets, that's
17 continuing to accelerate growth.

18 GMAC CHAIR HONG: Tom.

19 MR. SEXTON: Thank you. Thank you, Amy. Derek,
20 thank you for that interesting and well articulated
21 presentation, as always. I just wanted to focus on retail
22 for a moment and some of the -- some of the growth that
23 you're seeing there. I -- I know you used the term
24 professional retail. If you could just explain a little bit
25 about what you are seeing and how you kind of define retail

1 and what professional retail means. And just to follow up
2 as to Jackie, are you seeing this in both the listed futures
3 and options markets or is it in the minis, or where exactly
4 are you seeing that growth in your portfolio?

5 MR. SAMMANN: Yes. On the commodity side
6 specifically, it's a little asymmetric. We're seeing --
7 we're seeing probably flattish is slightly down retail and
8 energy. We're seeing significant amounts of increased
9 activity in metals, particularly precious. We're starting
10 to see some retail participation in copper. We launched
11 a -- we have a micro copper contract, so one tenth the size
12 of our main institutional contract; and that just set a
13 record over the course of May. So that's coming along for
14 the ride and outperforming there.

15 When we talk about retail in our world, we -- we
16 like to make up terms all the time? We -- we use the term
17 pro tail, professional retail traders. Folks that are
18 either very small institutional, that -- that don't have
19 their own accounts, are certainly not self-clearing, but are
20 known to us as active participants in markets. So it's not
21 the, you know, individual, you know, \$50 card swipe on a --
22 on a trading app kind of activity. It's a customer trading
23 a handful of contracts a day or a month. So someone that's
24 regularly in the market, where this is their primary
25 business.

1 So that's how we think about that retail community.
2 I would say the exchange overall, probably the -- the
3 largest growth that we're seeing in retail, is on the
4 equities side within the commodities complex. I'd probably
5 go in order of metals, primarily precious, but now we're
6 seeing an uptick on the -- on the base metal side,
7 particularly copper. And then Ags, and then I said energy
8 is kinda flattish to downish. Yet we're seeing
9 significant -- the fastest growing across all three asset
10 class in commodities is commercial; is in energy. Which,
11 again, you'd expect in -- in market of circumstances that
12 we're seeing, right now.

13 MR. SEXTON: Thank you.

14 GMAC CHAIR HONG: Derek, thanks so much for your
15 presentation. We will move on to our final topic for the
16 day. Apologies. We have one more question online.

17 MR. NICOSIA: Thank you, and thank you for the
18 presentation. This is Joe Nicosia with Louis Dreyfus. My
19 question really centers around, as we've seen additional
20 overseas participation in the markets and more importantly,
21 into the agricultural markets. And whether we're dealing
22 with some of the larger foreign entities that are not
23 necessarily active in The United States. What are you doing
24 from the standpoint of reporting from position limits, from
25 reporting of whether it be for their cash positions or for

1 justification of their trading activity?

2 MR. SAMMANN: Let me make sure I -- I understood
3 the question. I think the question was for overseas
4 agricultural activity, what are we doing from a reporting
5 point of view; is that the question?

6 MR. NICOSIA: Yeah. There's, you know, state owned
7 operations from -- from different groups and overseas
8 entities that are heavily involved in our markets, that
9 don't seem to have the same recording requirements. To what
10 level are you able to extract and/or demand the same level
11 of -- of cash recording positions on the overseas entities?

12 MR. SAMMANN: So I -- I think, as folks are aware,
13 running a -- a U.S. based, DCM with a DCO based here in the
14 U.S., we are subject to all the same rules and requirements
15 for how people access our markets. They come through our
16 FCMS globally. So every piece of infrastructure that
17 captures a U.S. client or an Asian client or a European
18 client is in place globally.

19 So we, when you look at the growth, I'll mention
20 that the -- the agricultural products growth outside the
21 U.S. year to date, our EMEA business is up almost 40
22 percent. Our Asian business is up to about 16 or 17
23 percent. When we see that activity, we're talking about
24 customers physically located in those zones, and they're
25 coming through either directly or indirectly, all of our

1 same safeguards and infrastructure for our mutualized risk
2 environment through our clearing firm group.

3 We are seeing smaller customers outside the U.S.,
4 and this is where some of the retail is picking up, coming
5 through again, our broker network also coming through all
6 approved FCMs. So all that risk is managed exactly the same
7 for non-U.S. clients as it is for U.S. clients. Reported
8 the same, requirements the same, all capture the same margin
9 requirements, and all subject to the same -- the same
10 responsibilities of reporting and transparency that U.S.
11 clients are as well. So no -- no difference there. So
12 hopefully that was a correct understanding of the question.

13 MR. NICOSIA: I was reading -- referring more to
14 their reporting to you, not your reporting of them.

15 MR. SAMMANN: Sorry. Can somebody repeat that
16 question?

17 MR. NICOSIA: I was -- I was referring more to, for
18 example, of the cash reports that the entities here in the
19 U.S. have to report and justification of position for
20 bonafide hedging. So that their cash reporting and physical
21 activity being reported to the exchange at CFTC, in -- in
22 equality with the standard U.S. based reporting.

23 MR. SAMMANN: Yeah. I see. So you're saying from
24 the market reg perspective I talked about, the oversight of
25 our market reg, saying, hey, what do you have against this

1 position? Yes. Same -- same requirements in terms of those
2 conversations, regardless of where they're positioned. It's
3 the same -- same expectations and same reachout from market
4 reg. We have market reg teams, but not just in the U.S.,
5 but in Europe and Asia as well.

6 We've actually beefed up that client facing market
7 reg team in Asia, particularly. As we've seen that business
8 continue to grow and as we've seen more non-historical U.S.
9 DCM market participants come into our markets, we've needed
10 to educate them on the market reg practices and
11 expectations. And so we've got teams locally, on the,
12 ground, in region, to handle those communications and
13 conversations for folks that are global food producers or
14 regional food producers. We've got a local team in support
15 of our global efforts, to make sure that all that reporting
16 and all of that investigation is done by our market reg team
17 in real time, in region.

18 MR. NICOSIA: Thank you.

19 GMAC CHAIR HONG: I believe we have one more
20 question or a comment from John Murphy from the Commodity
21 Markets Counsel online.

22 MR. MURPHY: Thanks, very much. Derek, thank you
23 for an excellent presentation. I just wanted to ask very
24 quickly, around electricity and utilities. We've seen
25 significant growth in Europe. Starting to see growth in

1 Asia there, as well. What are you seeing on your side
2 and -- and do you have any -- any plans for the near future
3 there?

4 MR. SAMMANN: Yeah. Hey, Murph. I -- I missed
5 the -- the part of the question. Something in Europe and
6 Asia increasing what?

7 MR. MURPHY: The electricity and utility trading.

8 MR. SAMMANN: Did he say utilities trading? Oh,
9 electricity. We are not actively in that market. I think
10 Mr. Williams over there, could probably talk about
11 electricity markets, but we're not active in the electricity
12 markets in -- in Europe.

13 MR. WILLIAMS: That was a hospital pass, if there
14 ever there was one. What -- what was the question? Sorry.

15 MR. MURPHY: It was electricity market trading in
16 Europe.

17 MR. WILLIAMS: Just as a -- okay. So -- so Stu
18 Williams, here from ICE. So the -- the utility markets in
19 Europe, of course, are -- are growing extraordinarily
20 quickly. If you start with a gas market, TTF in particular,
21 is increasingly playing the role of Brent in -- in the gas
22 market.

23 So Europe has become, to a large extent, the
24 balancing market for physical gas, and that's representing
25 its way through the markets in -- in the activity we're

1 seeing in TTF, which is the Dutch gas market. So put
2 differently, any -- any spare L & G globally will make its
3 way to Europe, depending on the price formation structure of
4 TTF. Obviously, then as you've seen the coal to gas
5 migration from -- across Europe.

6 So, UK in particular has got called out of the
7 merit order almost entirely. So electricity production in
8 -- in the UK is almost entirely natural gas or nuclear or --
9 or environmental. So coal is -- is largely out of the merit
10 order. That is the trend in Continental Europe as well.
11 And the reason I mentioned that is because, therefore power
12 becomes a derivative of natural gas. So the price of
13 natural gas and the price of -- of EUAs, which is the price
14 of carbon in -- in Europe, is -- is then, power is a
15 derivative of those two prices.

16 So to your specific question, we are seeing
17 increased activity in power markets in Continental Europe.
18 Obviously, the German power market is still the main
19 benchmark. So pretty much all other power markets will
20 trade at some differential to either German power or to TTF
21 as -- as the underlying. That activity is growing. It's
22 still quite heavily skewed towards the broker bilateral
23 market or broker cleared market. So less directly on
24 screen. But you know, liquidity begins liquidity. So the
25 more participants that come into that market, the more we'll

1 see activity on -- on screen.

2 MR. MURPHY: And, I appreciate that very much. And
3 my -- my question was really around whether the CME had any
4 plans to move into that market, whether in the U.S. or in
5 Europe?

6 MR. WILLIAMS: It's interesting that Derek then
7 passed that question to me.

8 MR. MURPHY: I agree.

9 MR. SAMMANN: Yeah, I missed that one. So yeah,
10 look, good question. We're -- as we've seeing increasing
11 cross-over as I mentioned before, between energy, Ags and
12 metals. We're seeing more customers look at building and --
13 making sure that we've got the complete portfolio of
14 products. They can trade all those inputs and outputs. To
15 the extent that Stu was talking about the natural gas market
16 and role that TTF has. We're seeing the physical Henry Hub
17 market go from strength to strength.

18 When we look at the activity that we've seen in
19 Henry Hub in both our futures and options, that set records
20 over the course of this year and in May, we're seeing more
21 as the U.S. continues to export both produced and export
22 physical Henry Hub source gas here in the U.S., increasingly
23 that's putting that out into the global market. So that's
24 giving us an opportunity to think about, not just the
25 input -- the input side, but the -- the output side of power

1 markets as well.

2 So short answer is, yes, we're looking at ways in
3 which we can connect each of our products inside the
4 portfolio to the broader nexus of risks that all of our
5 customers face. So, yeah, John, constantly looking at that
6 and happy to take that up with you offline.

7 MR. MURPHY: Thank you both. Great answer.

8 GMAC CHAIR HONG: Great. Thanks so much, Derek.
9 And thanks to the committee for all of your engagement. We
10 will now move on to our final presentation. I'd like to
11 turn it over to Andrea Musalem, associate director of The
12 Office Of International Affairs with the CFTC.

13 MS. MUSALEM: Thank you to the co-chairs, Amy and
14 Darcy, and DFO's Harry and Nicolas. And a special thanks to
15 Commissioner Pham for inviting me to speak about the ongoing
16 work in the commission's office of International Affairs.

17 The Office Of International Affairs, or OIA as we
18 call it, leads the commission's international and
19 cross-border policy efforts. OIA provides strategic advice,
20 specialized knowledge and practical expertise regarding
21 international affairs and foreign legal and regulatory
22 systems. OIA's portfolio encompasses international
23 regulatory policy through multilateral engagement and
24 standard setting bodies in similar fora, bilateral policy
25 engagement, including for supervisory cooperation and

1 technical assistance to developing and emerging economies.

2 My remarks today will be focused on OIA's
3 international regulatory policy work. Most prominently, OIA
4 staff actively participates in the various task forces,
5 policy committees and standing groups of the international
6 organization of securities commissions, or IOSCO, and the
7 joint arrangement of the Bank for International Settlements
8 Committee on payments and market infrastructures, CPMI and
9 IOSCO. We also provide support to Chairman Behnam in his
10 role as vice chairman of The IOSCO Board And co-chairman of
11 CPMI-IOSCO steering group, a role which he shares with Banca
12 d'Italia Governor Fabio Panetta.

13 OIA staff also provides support to the chairman in
14 his membership in IOSCO's financial stability engagement
15 group and the Sustainable Finance Task Force. OIA staff
16 represents the CFTC in the following committees: Regulation
17 of secondary markets, regulation of market intermediaries,
18 enforcement and exchange of information, investment
19 management, derivatives, retail investors, assessment, and
20 emerging risks.

21 As some of you are aware, due to your personal
22 participation, IOSCO held it's annual general meeting in
23 Athens last week, during which we were proud to have
24 Commissioner Pham and commissioner Johnson engage in several
25 events and to support Chairman Behnam's participation in the

1 annual meeting program. Among other things, during the
2 course of the IOSCO annual meeting, Chairman Behnam was
3 reelected as vice chairman of the IOSCO board. In addition,
4 some of the topics of discussion at the annual meeting
5 included digital assets, artificial intelligence and
6 FinTech, sustainability and a subject Commissioner Pham
7 engaged on; supervisory technology or SupTech.

8 Moving on to discuss substantive areas of work.
9 I'll start with the collection of international work streams
10 on margin. Together with The Bank Of England, the CFTC
11 co-leads this work, which integrates IOSCO, CPMI and the
12 Basel Committee on Banking Supervision, BCBS. As GMAC
13 members know, Phase One of this work examined the dynamics
14 of cleared and uncleared derivatives margin in March 2020
15 upon the onset of COVID-19, including impacts on the broader
16 financial system and client liquidity preparedness.

17 The Phase One report describing margin practices
18 during the onset of the pandemic was published in September
19 2022. Phase Two of this work has four work streams,
20 including further work on initial margin in the cleared
21 space. As well as coordination work with other margin work
22 streams, recommended by the Phase One report. A second
23 group, the working group on margin requirements, which was
24 discussed earlier is a BCBS-IOSCO group tasked with
25 examining how to streamline variation margin processes in

1 the uncleared space.

2 A CPMI-IOSCO subgroup was formed to undertake work
3 on streamlining variation margin in the cleared markets as
4 part of this Phase Two margin work. And finally, the
5 working group on margin preparedness, or WGMP was
6 established by the Financial Stability Board Standing Group
7 on Supervisory and Regulatory Operation in January 2023, to
8 consider the liquidity preparedness of market participants
9 during periods of stress. As well as, regulatory data gaps
10 and reporting bearing on margin.

11 The consultation period for the first three margin
12 work streams has now closed, and members of these work
13 streams are currently working through the comments received.
14 The WGMP's consultation is currently ongoing, and we
15 encourage you to submit your comments by June 18.

16 Moving on to digital assets. IOSCO's board level
17 FinTech task force was formed in March 2022, and it is
18 tasked with developing. Implementing and overseeing IOSCO's
19 policy agenda regarding FinTech and crypto assets.

20 The FTF form three working groups. The first is
21 the implementation working group, which continues the task
22 force's work on the regulatory approach to crypto asset
23 markets. The second group is the tokenization working
24 group, and the third group is the artificial intelligence
25 working group.

1 Meanwhile, the FSB's financial innovation network,
2 under the auspices of the standing committee on assessment
3 of vulnerabilities, has set out its work plan specifying,
4 that in 2024 it will assess financial innovations and the
5 impact on financial stability. It will monitor developments
6 in crypto asset markets and assess financial stability
7 risks. It will contribute to the analytical group on
8 vulnerabilities deep dive on depositor behavior. It will
9 also conduct a deep dive on the financial stability
10 implications of tokenization. And finally, it will prepare
11 an overview report on the financial stability implications
12 of artificial intelligence.

13 In addition, another FSB work stream, the crypto
14 working group, under the standing committee on supervisory
15 and regulatory cooperation recently published two reports on
16 crypto asset markets and global stable coins. This fall,
17 the FSB and the International Monetary Fund will jointly
18 deliver a status report to the G20 on the progress of the
19 implementation of the FSB and IMF crypto asset
20 recommendations.

21 On another front, operational resilience, I will
22 note that CPMI-IOSCO recently established a new standing
23 group, the operational resilience group, or ORG. In
24 addition to its policy standing group and its implementation
25 monitoring standing group. The ORG's work involves topics

1 related to operational resilience of financial market
2 infrastructures, such as central counterparties and swap
3 data repositories.

4 Specifically, the ORG will promote consistent and
5 comprehensive implementation of Principle 17, which relates
6 to operational risk and certain relevant other parts of the
7 principles for financial market infrastructures and
8 associated guidance, as they relate to operational
9 resilient. The ORG is comprised of two main work streams,
10 one focused on third party risk and the other focused on
11 cyber risk. Both work streams commenced work in January of
12 this year.

13 Finally, the last topic that I will touch upon is
14 sustainable finance. For two years now, Chairman Behnam has
15 been co-leading a carbon markets work stream under the
16 umbrella of IOSCO's sustainable finance task force,
17 alongside Chair Verena Ross of The European Securities And
18 Markets Authority. This work began in the wake of COP26,
19 with the goal of developing a better understanding of carbon
20 markets, both compliance and voluntary, including their
21 challenges and potential risks.

22 With respect to compliance carbon markets, last
23 July IOSCO published a final report outlining a set of
24 recommendations aimed at improving efficiency and integrity
25 at both the primary and secondary market level. With

1 respect to voluntary carbon markets, or VCMs, in November
2 2022, IOSCO published a discussion paper setting out key
3 considerations for the sound functioning of these markets.

4 The discussion paper, along with stakeholder
5 engagement, became the basis for the VCM consultation report
6 on good practices that IOSCO published last December. This
7 consultation report sets out 21 good practices for promoting
8 VCM integrity and which may be helpful to financial market
9 regulators, other relevant authorities, as well as market
10 participants to foster the further development of these
11 markets.

12 The good practices are divided among four areas of
13 focus. The first is regulatory frameworks and clarity
14 around the regulatory treatment of carbon credits. Second
15 area of focus is the primary market issuance. The third
16 area of focus is the secondary market trading. And finally,
17 the fourth area is the use and disclosure abuse of carbon
18 credits. The consultation report was well received, and the
19 thoughtful responses submitted by stakeholders are being
20 considered by the members of the carbon markets work stream,
21 as they look toward finalizing this work later this year.

22 This concludes my remarks, and I thank Commissioner
23 fan once again for inviting me to speak briefly about OIA's
24 international engagement.

25 COMMISSIONER PHAM: Andrea, I just want to thank

1 you so much for that comprehensive presentation, especially
2 since OIA was very busy supporting the chairman and us at
3 IOSCO's annual meeting last week; which is a tremendous
4 amount of work. I think oftentimes OIA does not get enough
5 credit and public recognition for their tremendous efforts
6 in ensuring that the CFTC continues to be a leader in
7 international policy development. And so again, thank you
8 so much and thank you to OIA for all of your efforts.

9 MS. MUSALEM: Thank you, commissioner, and I'll
10 take that back to the entire team.

11 GMAC CHAIR HONG: All right. Thank you, Andrea.
12 Before we conclude, I'd like to ask that the subcommittee
13 co-chairs briefly give the committee visibility into the
14 forward work plan, subcommittee by subcommittee. Perhaps
15 we'll start with the Global Market Structure subcommittee,
16 move into technical issues and then digital asset markets.

17 CO-CHAIR TULLY: Thanks, Amy. And thank you,
18 Commissioner Pham. The Global Market Structure subcommittee
19 continues to explore a range of important derivatives market
20 structure issues for future consideration of the GMAC.
21 Thanks to the thoughtfulness -- thanks to the thoughtfulness
22 and diligence by our members, the subcommittee has now
23 presented six recommendations on a wide range of topics that
24 have been adopted by the full GMAC, including inclusion of
25 U.S. Treasury ETFs as eligible initial margin collateral;

1 appropriately calibrated block and cap sizes for swaps;
2 addition of certain CCPs as permitted investment
3 counterparties; expansion of cross-margining between CME and
4 FICC; best practices for exchange volatility control
5 mechanisms; as well as today's recommendation, regarding the
6 impact of pending U.S. bank capital proposals on CFTC
7 regulated markets.

8 Going forward, we will continue to reflect on a
9 number of the important themes at today's meeting, including
10 the impact of the pending U.S. bank capital proposals and
11 the SEF framework. As we've heard today, these topics are
12 critical to the smooth functioning of our markets. We look
13 forward to providing further updates on our work at the next
14 GMAC meeting. Thank you.

15 CO-CHAIR KRUSE: At the technical issues
16 subcommittee, further work this year is likely to focus on
17 trade reporting. There's a recurring theme with lingering
18 inconsistencies in the global use of identifiers like UTIs
19 and UPIs and data standards, like critical data elements and
20 is 20022. They think there's a recommendation in there to
21 ask the CFTC to leverage its leadership role in the global
22 CPMI and IOSCO work to drive further consistency and
23 standardization, since those differences are actually
24 undermining data quality and hinder aggregation.

25 The committee is also looking at some other topics

1 and determining whether there might be value in developing a
2 playbook for future potential U.S. debt ceiling disruptions
3 or a compendium regarding unexpected market closures. We're
4 also looking at the use of money transfer ACH for making
5 payments to brokers.

6 MS. BUTLER: And on the digital asset market
7 committee, we've got somewhat an aggressive schedule between
8 now and year end. We're looking to propose up to five
9 potential recommendations. The first two are very, very
10 close, and they pertain to NFTs, so non-fungible tokens and
11 utility tokens, led by Chris Perkins and team.

12 And that will actually build on the taxonomy
13 framework that Commissioner Pham highlighted in the
14 beginning, that was approved in the last GMAC meeting. And
15 will hopefully be able to extend that framework to cover
16 both the NFTs and the utility tokens and really delineate
17 underneath those categories, where there are financial
18 assets and where there are nonfinancial assets, and a couple
19 of more recommendations within those categories.

20 We are also looking at proposing at tokenize assets
21 as eligible collateral, with a particular focus on money
22 market funds in the first iteration and we hope to bring
23 that to the next meeting as a recommendation. And, again,
24 this is leaning into the recommendation that was highlighted
25 as part of the 11 recommendations that have already been

1 passed through the GMAC, really looking at tokenization as a
2 technical wrapper.

3 So focusing on where the underlying asset is
4 eligible for collateral, our notion will be that just
5 because it is tokenized and therefore there's a technical
6 wrapper around it, the asset itself, if it is permitted for
7 collateral, if it is tokenized, it should follow the same
8 suit. So we are hoping to bring that to the next meeting
9 for recommendation.

10 And then the last two really pertain to best
11 practices and report guidance. First one, a RAN bankruptcy
12 remoteness for custody to assets. I think there's a lot of
13 great intelligence across the community and sitting within
14 the work stream, and we -- we think there will be great
15 value to bring a lot of those best practices across both the
16 digital native and the banking community to bear, focusing
17 on bankruptcy.

18 And the second is a potential proposal on report
19 around private and public chains, and the novel risks and
20 unique attributes that sit across both. There is a market
21 infrastructure survey that has been -- is working in
22 circulation at the moment. Hopefully we'll have that
23 complete by the end of June. A lot of layer one's are
24 providing their input into that at the moment, and pending
25 the result side of that survey, we'll be able to actually

1 make a, hopefully, good recommendation across public and
2 private chains.

3 So quite a -- quite a heavy agenda, between now and
4 the end of the year, we're actually doing a restructure of
5 the members and aligning them to those five outcomes.

6 Really to make sure that we have both the diversity of input
7 and take advantage of a very diverse market group that we
8 have. But also spread the capacity across those different
9 outcomes, just to make sure that we can drive the outcomes
10 forward.

11 GMAC CHAIR HONG: Great. And thank you to -- to
12 the subcommittee co-chairs and the subcommittee --
13 subcommittees at large. Really appreciate all of the work
14 that continues to go into the Global Markets Advisory
15 Committee. I'll hand it back over to Harry to -- to close
16 this out.

17 MR. JUNG: Great. All right. So thank you all
18 for -- thank you all to the presenters, those that were in
19 person and virtually. At this time, I'll like to pass to
20 pass the mic over to Commissioner Pham for closing remarks.

21 COMMISSIONER PHAM: Today highlights that the CFTC
22 is a market regulator, and I'm pleased that we could get
23 back to basics with today's presentations and discussions of
24 very important issues, including focus on market
25 characteristics, trading activity, and market fundamentals

1 that drive both.

2 This is the bread and butter of our core mission to
3 oversee derivatives markets and to ensure that they are well
4 functioning. This doesn't get the headlines, but is
5 absolutely our day job. And I appreciate Chairman Behnam's
6 focus on this.

7 Lots of interesting discussion on ways to increase
8 liquidity today in markets, and I think that this could be
9 the basis for additional GMAC initiatives. And I especially
10 again thank the CFTC's OIA for their presentation and
11 international leadership.

12 As I mentioned in my opening remarks, I was honored
13 to present the GMAC recommendations last week at the IOSCO
14 annual meeting. Thank you again for making an impact and
15 ensuring the integrity and resilience of global markets, to
16 promote financial stability and mitigate systemic risk.

17 MR. JUNG: Thank you, Commissioner. I want to
18 thank everyone for attending our second GMAC meeting of
19 2024. I hope everyone has a great summer, and the meeting
20 is adjourned. Thank you, all.

21 (Proceedings end.)

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DATED this 4th day of June, 2024.

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DATED this 25th day of June, 2024.



Melissa Iadimarco