Prospect News Ctructured Droducts

Thursday March 22, 2018

Structured Products

	Current Year	Previous Year
U.S. STRUC Year to Da		DUCTS (NO ETNS)
+ -	22 billion 132 deals	\$10.63 billion in 2748 deals
Quarter to	Date:	
+ -	22 billion 132 deals	\$10.63 billion in 2748 deals
Month to E	Date:	
+ · · •	4 billion	\$2.16 billion
in 53	32 deals	in 624 deals
		RTODATEDEALS
	-TRADED N	
	4 billion	\$0.54 billion
	3 deals	in 18 deals
		UITYINDEXDEALS
	55 billion	
	344 deals	in 2361 deals
		UCTUREDPRODUCT
	8 billion	\$1.39 billion
)59 deals	in 1035 deals
		CTURED PRODUCT
	42 billion	\$7.59 billion
	606 deals	in 1256 deals
FX U.S. S1	RUCTURED	PRODUCTS
\$0.0	3 billion	\$0.02 billion
	deals	in 12 deals
		CTUREDPRODUCT
	8 billion	\$0.18 billion
	eals deals	in 26 deals
INTEREST I	RATE STRUC	CTURED PRODUCT
\$0.4	1 billion	\$0.03 billion
	l deals	in 9 deals
INTEREST F	RATE STRUC	TURED COUPONS
\$3.4	3 billion	\$7.88 billion
in 17	74 deals	in 325 deals

PROSPECTNEWS

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Structured products issuance up 31% for year; week dominated by two big trades amid market sell-off

By Emma Trincal

New York, March 21 – Despite a declining equity market, structured products fared relatively well last week. Agents sold \$446 million in 141 deals in the second week hybrid structure half structured note, half of the month ended Friday, according to preliminary data compiled by *Prospect News* . Figures are likely to be revised upward.

For the year, volume is up 31%.

Last week's stock market saw four consecutive sessions of price declines. The Dow Jones industrial average lost 389 points. The main U.S. benchmarks (S&P 500 index, Dow Jones and the Nasdaq Composite) each dropped 1% or more.

Another big convertible

However, as it happened during the

previous week, a large synthetic reverse convertible may have skewed the data. Issued by JPMorgan Chase Financial Co. LLC, the \$83.23 million offering was a convertible bond. The investment was linked to Apple Inc.

The notes will be callable after three years at the greater of par and the alternative settlement amount, which is par times the final stock price on that valuation date over the threshold price, which is 120% of the initial strike price.

At maturity, the payout will be will be the greater of par and the alternative settlement amount.

Two big deals

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SPA Conference: Distribution trends show growing importance of technology, bespoke sales

By Emma Trincal

New York, March 21 – How to make structured investments more mainstream? That was the topic of a morning panel called "distribution trends for structured notes," at the Structured Products Association's 14th annual conference held in New York on Tuesday.

"What do you do to grow the pie?" asked the panel moderator, SPA chairman Keith Styrcula, who organized the event.

Both panelists specialize in structured notes distribution but from different perspectives: one is in the traditional distribution channel, the other delivers

technology in an effort to reach out to first-time users and compress costs.

Two wavs

"Selling structured products can be done in two ways: you either have a Cusip strategy or an investment strategy," said Rob Sowinski, managing director, structured products at Advisors Asset Management.

For Sowinski matching the investment idea with the client's goals is a more desirable approach than just growing notional size through the "Cusip strategy."

"You have to contemplate the pros and



Structured products issuance up 31% for year; week dominated by two big trades amid market sell-off

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In all, 57% of last week's volume came from two offerings only: this deal and another one.

Goldman Sachs was the dealer for the second block trade: \$71.25 million of four-year leveraged buffered notes sold on behalf of Bank of Nova Scotia. The four-year notes are tied to the EAFE-like basket consisting of unequally weighted international indexes - the Euro Stoxx 50, the FTSE 100, the Topix, the Swiss Market index and the S&P/ASX 200 index. The notes offer a 205% uncapped participation on the upside and a 20% geared buffer on the the deal targets a single investor. downside.

Some market observers have compared the basket to the MSCI EAFE index, which tracks the performance of developed countries excluding the U.S. and Canada and reflects a large allocation to the euro zone markets, the U.K. and Japan.

Goldman and the EAFE basket

"Goldman is likely behind the scenes. The same deal has been done with different issuers, different indexes and different weightings. But it's a combination of those five indexes," a market participant said.

In February 2016, Goldman Sachs Group, Inc. priced \$1.07 billion of a version of the same offering tied to a basket comprising only three out of the five indexes: the Euro Stoxx 50 index, the FTSE 100 and the Topix. The deal was rumored to have been sold to the JPMorgan wealth management platform.

The underlying basket under its various forms is one of the top ones in the basket-linked notes category.

Since 2010 there have been 496 offerings of this deal with a variety of combinations of the index components and weightings. In total, it represents \$7.3 billion, according to data compiled by Prospect News.

A great diversity of issuers have

participated in these deals, including Morgan Stanley Finance LLC, GS Finance Corp., HSBC USA, Inc., Barclays **Bank plc, Citigroup Global Markets** Holdings Inc. and Credit Suisse AG, London Branch and BofA Finance.

"My belief is that Goldman uses this deal so frequently, they need other issuers. They seem to always be the underwriter. I don't know if they're selling it to their asset management platform or to others like JPMorgan's private wealth."

This market participant does not believe

"Or it would have to be an investment fund, some sort of collective entity," he said.

Top agents

With 13 other deals, Goldman was the top agent, pricing \$156 million, or more than a third of last week's total volume.

JPMorgan with its block trade and 15 others captured \$101 million, or nearly 23%, of total volume. The firm was the No. 2 agent.

Healthy year

Year-to-date issuance volume brings a more accurate picture of the business as weekly figures are subject to revisions.

Agents so far have sold \$13.13 billion through March 16, an increase in excess of 31% from the same period last year, according to the data.

The number of offerings grew by more than 30% to 3,358 from 2,580 a year ago, a continuation of a trend of smaller deals made possible by technology developments within various distribution channels.

Total volume for the trailing 12 months is \$53.32 billion, a 30% increase from the previous trailing period.

Scaling down

While the year so far is strong, some sellsiders are expressing concerns over the return of volatility.

Those concerns may be more apparent among firms with large calendar offerings.

"Firms that have a top-down approach and see their clients freaked out by those market gyrations may want to scale down or they may do what the CEO tells them to do. But not every firm can afford to move into bonds," the market participant said.

New opportunities

On the other hand, firms that cater to registered investment advisers are seeing healthy growth.

"We see a lot of bespoke action from RIAs," the market participant said.

"We have a pretty good deal flow of one-off, a majority of which are issues tied to ETFs or indices."

The impact of rising volatility as measured by the CBOE VIX index depends on the type of clients that advisers cater to, he said.

Better coupons

"Our clients love the VIX at 25-26. It's been at 11 for so long. Now they have the ability to get a 12% coupon for a one-year on a basket of sectors or large indices with 60% to 55% barriers.

"For a lot of them there is no chance of a 40% drawdown in one year. That's why they find the opportunity of those worst-of autocalls very attractive. Between a 12% coupon and an 8% when the VIX was at 11, it's a big difference.

"They're more sophisticated. They're paid on the asset growth. That's why we see a lot of bespoke deals."

In general the impact of higher volatility should not alter too much the conditions of equity-linked structured notes issuance, he said. If anything, it should be a driving force for growth.

"If volatility in the markets makes people nervous that's also the time when you



Structured products issuance up 31% for year; week dominated by two big trades amid market sell-off

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want a volatility-managed approach. You want to buy the S&P and buy a buffer at the same time," he said.

"For autocalls the opportunity of getting much higher coupons is just too hard to pass on.

"Overall I don't believe the market volatility will dampen the business."

Rates

Interest-rates linked notes did not come up last week. But the growth of this asset class has been exponential this year. Agents have priced \$407 million in 50 deals through March 16, which is nearly 18 times the amount seen during the same time last year with \$23 million in eight deals.

Naturally the bid is due to the rise in interest rates.

"Volatility in the equity market is good for the banks. Even better for them is the increase in interest rates," said an analyst.

"Higher rates will force a whole bunch of financial institutions to readjust their balance sheet to reduce their exposure to interest rate risk; otherwise they would lose money.

"That should increase the volume of interest-rate linked notes. That's how you do your hedging."

"If volatility in the markets makes people nervous that's also the time when you want a volatility-managed approach. You want to buy the S&P and buy a buffer at the same time." – A market participant

SPA Conference: Distribution trends show growing importance of technology, bespoke sales

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cons of a product. You have to understand your clientele and find out if it makes sense for an advisor to pitch a structured note to a client," he said.

Advisors Asset Management caters to independent broker-dealers and advisors.

Bespoke

Leveraged buffered notes remain one of the top products for advisers, Sowinski said.

"It's a great story. Simple trade. If the markets are toppish you still have exposure to the upside but you have downside protection.

"That seems to be working well," he said.

Using these popular trades in conjunction with a more hands-on approach was another important factor driving progress.

"When it comes to growth you have to engage in the bespoke business," he said.

"We're a retail shop. Issuers have agreed to lower their minimum. We've seen the lowest at \$250,000. That helps with the bespoke conversation."

Elegant but...

Jason Barsema, a former partner at Credit Suisse Private Bank, offered his own take on growth as co-founder of Halo Investing, a multi-issuer technology platform for structured notes.

In his view, technology can solve a number of problems faced by distributors and wholesalers alike, in particular educating first-time users, providing more liquidity and transparency and making structured notes available to a larger audience with smaller minimum sizes.

"I spent my career at Credit Suisse, one of the largest consumers of structured products, and I was very familiar with structured products from the buyside's standpoint," Barsema said.

"I saw that structured notes were some of the most elegant products. They were also some of the least efficient products.

"We created Halo to democratize structured notes and make the life cycle easier for the consumers."

Simplicity

Halo offers its platform directly to RIAs

who can choose among different issuers based on competitive and transparent bids.

"Half of our customers have never bought a structured note, sometimes they never heard of it," he said,

Barsema agreed with Sowinski: RIAs tend to feel comfortable the most with buffered notes.

They also tend to dislike notes tied to lesser-known indexes, such as smart beta and proprietary indexes.

"My clients don't like products on [those] indices," he said.

"We keep things very, very simple."

Scale

One distribution challenge, Sowinski said, is to get issuers to offer their pricing feedback on deals in a timely fashion. This view was largely echoed at another panel on private wealth.

"When they get back to you quickly it's always positive for the client," he said.

But as demand for customized notes increase the logistics of keeping track of the performance, roll dates and back office in general can become burdensome.



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"The main challenge remains scalability," he said.

Progress

For Barsema, Halo's portal brings a new educational tool for advisers.

"Our clients who are new to structured

notes get comfortable after the first or second trade. After that they're self-driving," he said.

"Technology scales the business. Growth is a function of new RIAs coming into the market and buying.

"We should see more than 20% increase

year over year for this market. It should be 50%.

"There is no reason why we shouldn't be able to improve the optics, the liquidity, the transparency, the fees. Every issuer should work on that."

SPA Conference: For wholesalers, nothing beats the human touch, not even technology

By Emma Trincal

New York, March 21 – While technology was the buzzword at the **Structured Products Association**'s 14th annual conference held in New York on Tuesday, the old-school of sales had its say during an afternoon panel on wholesaling called "the value of wholesaling of structured notes."

Two shops

Ed Condon, national director, client solutions at Merion Capital Group, who has been in the structured products business for 12 years, first at Morgan Stanley and then at Credit Suisse, was one of the two speakers. He said his firm has a "unique distribution model in the business" as it represents exclusively HSBC, operating as a single-issuer representative.

Peter Horacek, head of distribution at AXIO Financial, on the other hand works with "pretty much every issuer out there," following the more traditional business model.

Understanding the view

The challenge for those wholesalers is to reach tens of thousands of advisers. While they use technology, the traditional sales approach through relationship development remains prevalent.

"It's a very time-consuming experience. We're trying to educate advisors. We have a dedicated team that works with one issuer at a time," said Horacek.

"If you provide advisers with value they're going to come back."

Horacek defined the wholesaler's role.

"We work in partnership with the issuer and our key role is to coach an adviser. I must understand what your view of the market is. I can't present you a solution until I know what your views are, at least, I don't want to," he said.

Face-to-face interaction

Condon emphasized the training of the adviser when sitting face to face with a client.

"Everybody is looking for that investment theme, that hook. Yes, we educate and we check these boxes. But ultimately our role is to train an adviser on how to have that conversation with a client."

Having boots on the ground is challenging, they said. But it works.

Asked how much time their employees spend travelling to visit clients, the panelists said, "a lot."

"Our people spend 30% of their time on the road. The rest is spent on e-mails, telephone calls, video conference calls to get the job done," said Horacek.

It's even more at Merion.

"We want to be on the road 50% of the time," said Condon.

"You have one week during the month when you're calling people, 50% on the road and one week for catching up."

Niche business

Both speakers appeared to strongly believe in the human touch as a driver for sales. Technology helps with scale but is not the most appropriate approach when managing relationships.

"Wholesaling in my opinion is not ever going to go away," said Condon.

"It takes a lot of work and patience to put a person on the field. When they report back, issuers understand the value of those face-to-face exchanges."

Wholesalers play a key part in calendar management and also in the marketing campaign, he added, as they represent the brand.

"Issuers really need to have that feedback from the field," he said.



SPA Conference: Man vs. machine: a symbiotic marriage or a disruption? panelists ask

By Emma Trincal

New York, March 21 – The "Man vs. Machine" panel at the Structured Products Association's 14th annual conference held in New York on Tuesday, started like a movie.

Good old tape

Joe Castelluccio, president of capital markets and head of trading at CG Capital Markets, who moderated the discussion, kicked of the panel with a video named "Man vs. Machine" he produced and directed himself. The short montage, showing the evolution of financial technology from prehistoric times to modern trading platform, reached its climax with the showing of various ticker tapes from the 19th century through the end of the last.

Both the title of the clip and panel set the tone: if technology is progress, will it disrupt the industry as we know it?

Symbiosis, crisis

Castelluccio asked the question first to Alan Angell, chief executive of Transparitrade, whose answer was non-threatening from a fintech executive.

"I see the two roads running parallel. I don't think people will go one way and technology in another direction," said Angell.

Transparitrade is a multi-issuer platform developed by WallStreetDocs, a company

that provides automation of Wall Street offering documents and filings. Angell, who founded Transparitrade, remains chief operating officer of WallStreetDocs.

Asking him to qualify the nature of the relationship between structured products market participants and new technology platforms, Angell's response was moderate.

"Is it going to be more of a symbiotic relationship?" asked Castelluccio.

"Yes. I don't think there needs to be a huge disruption to change the face of the business," Angell said.

Big data

Jim Ziniel, regional director at Halo Investing, sounded like he would welcome big changes.

Halo is an independent multi-issuer technology platform for structured notes. The proprietary platform allows end-users to create their own payoff from their computer.

Ziniel noted that "big data" is also transforming other industries. For the structured products space though, the evolution can only be positive, he said.

Change is coming

"We're on a new path. The structured products space is only a fraction of what it can be. If you look at other industries, the ETF, there is a lot more to do," he added. "It's a marriage. People and technology."

"We bring changes, we give wholesalers new tools, we allow people to execute trades immediately, we provide efficient secondary pricing. We don't know why clients would have to sell notes back to the issuer. It's inefficient."

The panelists believe that structured notes will not grow as a market unless the elements of the life cycle of a product from construction to clients' statement generation get automated.

Automation can assist in designing customized notes, executing better trades and helping advisers manage their portfolios.

"Data is valuable from a risk management perspective," said Angell.

"A modern platform can support an entire front-to-back solution rather than just be about execution."

Ziniel said that portals for structured notes, such as Halo, will increase the overall size of the market and reduce costs, making the investment class mainstream, something the industry has not been able to achieve so far.

"One of the powers of technology is scale," he said.

"As more people get on the platform, technology will drive down costs. That's one of our goals. We want critical mass."

Barclays to price phoenix autocallables tied to Facebook, Vertex, Citi

By Marisa Wong

Morgantown, W.Va., March 21 – **Barclays Bank plc** plans to price phoenix autocallable notes due March 15, 2021 linked to the least performing of the common stocks of **Facebook, Inc., Vertex Pharmaceuticals Inc.** and **Citigroup Inc.,** according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a contingent quarterly coupon at an annual rate of 14.25% if each stock closes at or above its 60% coupon barrier on the related quarterly observation date.

The notes will be called at par if each stock closes at or above its initial price on any quarterly review date prior to maturity.

The payout at maturity will be par

unless any stock finishes below its 50% barrier price, in which case investors will be fully exposed to the decline of the worst performing stock.

Barclays is the agent. The notes will price on March 22. The Cusip number is 06741WED8.



Credit Suisse plans 19%-21% autocall reverse convertibles on stocks

By Susanna Moon

Chicago, March 21 – Credit Suisse AG, London Branch plans to price 19% to 21% autocallable reverse convertible securities due March 29. 2019 linked to the lowest performing of the common shares of Cleveland-Cliffs Inc., the class A ordinary shares of Ensco plc and the shares of Transocean Ltd., according to a 424B2 filing with the Securities and Exchange Commission.

Interest is payable monthly, with the exact coupon to be set at pricing.

The notes will be called at par if each stock closes at or above its initial level on any quarterly trigger observation date.

The payout at maturity will be par unless any stock finishes below its 65% knock-in level, in which case investors will receive a number of shares of the worst performing stock equal to \$1,000 divided by the initial share price or, at the issuer's option, the cash equivalent.

Credit Suisse Securities (USA) LLC is the agent.

The notes will price on March 27 and settle on March 29.

The Cusip number is 22549JRU6.

Credit Suisse plans contingent coupon autocallables on three indexes

By Marisa Wong

Morgantown, W.Va., March 21 -Credit Suisse AG, London Branch plans to price contingent coupon autocallable yield notes due March 24, 2020 linked to the least performing of the S&P 500 index, the MSCI Emerging Markets index and the Tokyo Stock Price index, according to a 424B2 filing with the Securities and

Exchange Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 8.65% if each index closes at or above its 65% coupon barrier on the related quarterly observation date.

The notes will be called at par if each index closes at or above its initial level on any quarterly review date.

The payout at maturity will be par

unless any index finishes below its 65% knock-in level, in which case investors will be fully exposed to the decline of the worst performing index.

J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA are the placement agents.

> The notes will price on March 22. The Cusip number is 22550WLK1.

Credit Suisse plans contingent coupon autocallables on three stocks

By Marisa Wong

Morgantown, W.Va., March 21 -Credit Suisse AG, London Branch plans to price contingent coupon autocallable yield notes due March 27, 2020 linked to the least performing of the common stocks of Apple Inc., Microsoft Corp. and Nvidia Corp., according to a 424B2 filing with the Securities and Exchange

Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 20% if each stock closes at or above its 70% coupon barrier on the related quarterly observation date.

The notes will be called at par if each stock closes at or above its initial price on any quarterly review date.

The payout at maturity will be par unless any stock finishes below its 70% knock-in level, in which case investors will be fully exposed to the decline of the worst performing stock.

Credit Suisse Securities (USA) LLC is the agent.

> The notes will price on March 22. The Cusip number is 22549JSL5.

GS Finance plans to price putable floating-rate notes due 2058

By Sarah Lizee

Olympia, Wash., March 21 - GS Finance Corp. plans to price putable floating-rate notes due March 29, 2058, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **Goldman Sachs Group, Inc.**

Interest will be equal to Libor minus 30 basis points, subject to a minimum interest rate of 0%. Interest is payable quarterly.

The notes are putable in whole or in part beginning on March 29, 2021 and every other year after that. The redemption price is 98 from March 29, 2021 to March 29, 2027, 99 from March 29, 2029 to March 29, 2037 and par after that.

Goldman Sachs & Co. is the underwriter.

The notes (Cusip: 40055ATA5) are expected to price on March 26 and settle on March 29.

GS Finance to price contingent coupon autocallables on Bank of America

By Marisa Wong

Morgantown, W.Va., March 21 – **GS Finance Corp.** plans to price autocallable continent coupon notes due March 30, 2020 linked to **Bank of America Corp.** common stock, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **Goldman**

Sachs Group, Inc.

The notes will pay a contingent coupon for each quarter that the stock closes at or above 80% of its initial price on the determination date that quarter.

The notes will be called at par if the stock closes at or above its initial price on any determination date other than the final date. The payout at maturity will be par unless the stock finishes below its 80% downside threshold, in which case investors will be fully exposed to any losses.

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Goldman Sachs & Co. LLC is the agent.

The notes will price on March 23. The Cusip number is 40055AT72.

JPMorgan plans contingent interest autocallables on Advance Auto Parts

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC plans to price autocallable contingent interest notes due March 26, 2020 linked to Advance Auto Parts, Inc. common stock, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by

JPMorgan Chase & Co.

The notes will pay a contingent quarterly coupon at an annual rate of at least 11% if the stock closes at or above its 60% coupon barrier on the related quarterly review date.

The notes will be called at par plus the contingent coupon if the stock closes at or above its initial value on any review date other than the final date.

The payout at maturity will be par unless the stock finishes below its 60% trigger value, in which case investors will be fully exposed to the decline.

J.P. Morgan Securities LLC is the agent.

The notes will price on March 22. The Cusip number is 48129MFC5.

JPMorgan plans contingent interest autocallables on Williams-Sonoma

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC plans to price autocallable contingent interest notes due March 26, 2020 linked to Williams-Sonoma, Inc. common stock, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by

JPMorgan Chase & Co.

The notes will pay a contingent quarterly coupon at an annual rate of at least 9.55% if the stock closes at or above its 60% coupon barrier on the related quarterly review date.

The notes will be called at par plus the contingent coupon if the stock closes at or above its initial value on any review date other than the final date.

The payout at maturity will be par unless the stock finishes below its 60% trigger value, in which case investors will be fully exposed to the decline.

J.P. Morgan Securities LLC is the agent.

The notes will price on March 22. The Cusip number is 48129MFD3.



JPMorgan to price 18-month trigger PLUS linked to Euro Stoxx 50

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC plans to price 0% trigger Performance Leveraged Upside Securities due Sept. 26, 2019 linked to the Euro Stoxx 50 index, according to a 424B2 with the Securities and Exchange Commission.

The notes will be guaranteed by

JPMorgan Chase & Co.

If the index finishes at or above its initial level, the payout at maturity will be par plus at least 182% of the gain. The exact participation rate will be set at pricing.

If the index falls but finishes at or above the 75% trigger level, the payout will be par. Otherwise, investors will lose 1% for each 1% decline of the index from its initial level.

J.P. Morgan Securities LLC is the agent, with Morgan Stanley Wealth Management handling distribution.

The notes are expected to price on March 22.

The Cusip number is 48129L413.

JPMorgan to price five-year leveraged notes linked to Euro Stoxx 50

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC plans to price 0% notes due March 27, 2023 linked to Euro Stoxx 50 index, according to a 424B2 filing with the Securities and Exchange Commission. The notes are guaranteed by **JPMorgan Chase & Co.**

The payout at maturity will be par plus an additional amount. The additional amount is equal to 1.31 times the index return, subject to a floor of zero. The exact participation rate will be at least 131% and will be set at pricing.

The strike price is the closing level on March 20.

J.P. Morgan Securities LLC is the agent.

The notes will price on March 22. The Cusip number is 48129MFA9.

New Issue: Barclays prices \$1.02 million buffer SuperTrack notes on iShares MSCI EAFE

By Susanna Moon

Chicago, March 21 – **Barclays Bank plc** priced \$1.02 million of 0% buffered SuperTrack notes due March 11, 2021 linked to the **iShares MSCI** **EAFE ETF**, according to a 424B2 filing with the Securities and Exchange Commission.

The payout at maturity will be par plus any gain in the underlying fund.

Investors will receive par if the fund falls by up to 25% and will lose 1% for each 1% decline beyond the buffer.

Issuer:	Barclays Bank plc
Issue:	Buffered SuperTrack notes
Underlying fund:	iShares MSCI EAFE ETF
Amount:	\$1.02 million
Maturity:	March 11, 2021
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus any fund gain; par if fund falls by up to 25%; otherwise, 1% loss per 1% decline
	beyond 25%
Initial level:	\$
Pricing date:	March 7
Settlement date:	March 12
Agent:	Barclays
Fees:	0.5%
Cusip:	06744CZP9

New Issue: Barclays prices \$1.29 million 8% phoenix autocalls tied to three ETFs

New York, March 21 – **Barclays Bank plc** priced \$1.29 million of phoenix autocallable notes due March 16, 2023 linked to the lesser performing of the **SPDR S&P 500 exchange-traded fund**, the **iShares Russell 2000 exchange-traded fund** and the **SPDR Euro Stoxx 50 exchange-traded fund**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent semiannual coupon at an annual rate of 8% if each underlying fund closes at or above its 60% coupon barrier on the observation date for that period.

The notes will be automatically called at par plus the contingent coupon

if each fund closes at or above its initial level on any call observation date other than the final date.

The payout at maturity will be par unless any underlying fund finishes below its 60% trigger level, in which case investors will be fully exposed to any losses of the worst performing fund. Barclays is the agent.

Issuer:	Barclays Bank plc
Issue:	Phoenix autocallable notes
Underlying funds:	SPDR S&P 500 exchange-traded fund, the iShares Russell 2000 exchange-traded fund and the
	SPDR Euro Stoxx 50 exchange-traded fund
Amount:	\$1,285,000
Maturity:	March 16, 2023
Coupon:	8% annualized, payable semiannually if each fund closes at or above 60% coupon barrier on
-	observation date for that period
Price:	Par
Payout at maturity:	Par plus contingent coupon unless any fund finishes below 60% trigger, in which case 1% loss
	per 1% decline of worst performing fund
Call:	Automatically at par plus contingent coupon if each fund closes at or above initial level on any
	observation date other than final date
Initial levels:	\$278.87 for SPDR S&P, \$158.92 for iShares Russell, \$41.04 for SPDR Euro Stoxx
Coupon barriers:	\$167.32 for SPDR S&P, \$95.35 for iShares Russell, \$24.62 for SPDR Euro Stoxx; 60% of
-	initial levels
Trigger levels:	\$167.32 for SPDR S&P, \$95.35 for iShares Russell, \$24.62 for SPDR Euro Stoxx; 60% of
	initial levels
Pricing date:	March 9
Settlement date:	March 16
Agent:	Barclays
Fees:	0.6%
Cusip:	06741WDZ0



New Issue: Barclays prices \$1.5 million callable contingent coupon notes tied to Russell, S&P 500

New York, March 21 - Barclays Bank plc priced \$1.5 million of callable contingent coupon notes due March 14, 2023 linked to the least performing index of the S&P 500 index and the Russell 2000 index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 7% per year if each index closes at or above its coupon barrier level, 60% of its initial level, on the observation date for that period.

The notes are callable by Barclays at par plus any coupon on any contingent

coupon payment date after the fourth one.

The payout at maturity will be par plus the final contingent coupon, if any, unless either index finishes below its 60% barrier level, in which case investors will lose 1% for each 1% decline of the least-performing index from its initial level.

Issuer:	Barclays Bank plc
Issue:	Callable contingent coupon notes
Underlying indexes:	S&P 500, Russell 2000
Amount:	\$1.5 million
Maturity:	March 14, 2023
Contingent coupon:	7% per year, payable quarterly if each index closes at or above coupon barrier level on
	observation date for that period
Price:	Par
Payout at maturity:	If each index finishes at or above barrier level, par; otherwise, full exposure to losses of
	least-performing index
Call option:	At par on any contingent coupon payment date after the fourth date
Initial index levels:	2,786.57 for S&P, 1,597.14 for Russell
Coupon barriers:	1,671.94 for S&P, 958.28 for Russell; 60% of initial levels
Barriers:	1,671.94 for S&P, 958.28 for Russell; 60% of initial levels
Pricing date:	March 9
Settlement date:	March 14
Agent:	Barclays
Fees:	0.7%
Cusip:	06744CZX2



New Issue: Barclays prices \$1.5 million phoenix autocallables on Euro Stoxx 50

By Marisa Wong

Morgantown, W.Va., March 21 – **Barclays Bank plc** priced \$1.5 million of phoenix autocallable notes due March 20, 2023 linked to the **Euro Stoxx 50 index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a semiannual contingent coupon at an annual rate of 8.75% if the index closes at or above its coupon barrier, 70% of its initial level, on the related semiannual observation date.

The notes will be automatically called at par if the index closes at or

above its initial level on any observation date other than the final one.

The payout at maturity will be par unless the index finishes below its 70% barrier value, in which case investors will have one-to-one exposure to the decline.

Issuer:	Barclays Bank plc
Issue:	Phoenix autocallable notes
Underlying index:	Euro Stoxx 50
Amount:	\$1.5 million
Maturity:	March 20, 2023
Coupon:	8.75% annualized, payable semiannually if index closes at or above coupon barrier on related
	semiannual observation date
Price:	Par
Payout at maturity:	Par unless index finishes below barrier, in which case full exposure to losses
Call:	At par if index closes at or above initial level on any observation date other than final date
Initial level:	3,414.13
Coupon barrier:	2,389.89, 70% of initial level
Barrier:	2,389.89, 70% of initial level
Pricing date:	March 15
Settlement date:	March 20
Agent:	Barclays
Fees:	None
Cusip:	06746X2C6



New Issue: Barclays prices \$3.68 million 12.25% phoenix autocalls tied to Amazon, Apple, Netflix

New York, March 21 – **Barclays Bank plc** priced \$3.68 million of phoenix autocallable notes due March 12, 2021 linked to the common stocks of **Amazon.com, Inc.**, **Apple Inc.** and **Netflix, Inc.**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a contingent quarterly coupon at an annual rate of 12.25% if each underlying stock closes at or above its 50% coupon barrier on the observation date for that quarter.

The notes will be called at par plus the contingent coupon if each

stock closes at or above its initial level on any call valuation date.

The payout at maturity will be par unless any underlying asset falls by more than 50%, in which case investors will be fully exposed to any losses.

Issuer:	Barclays Bank plc
Issue:	Phoenix autocallable notes
Underlying stocks:	Amazon.com, Inc. (Symbol: AMZN), Apple Inc. (Symbol: AAPL) and Netflix, Inc. (Symbol:
	NFLX)
Amount:	\$3.68 million
Maturity:	March 12, 2021
Coupon:	12.25% annualized, payable quarterly if each stock closes at or above 50% coupon barrier on
	observation date for that quarter
Price:	Par
Payout at maturity:	Par plus contingent coupon unless any stock falls by more than 50%, in which case 1% loss per
	1% decline
Call:	At par plus contingent coupon if each stock closes at or above initial level on any call valuation
	date other than the final date beginning with sixth date
Call option:	Automatically at par on any interest payment date if each stock closes above its initial level
Initial levels:	\$1,578.89 for Amazon, \$179.98 for Apple, \$331.44 for Netflix
Coupon barriers:	\$789.45 for Amazon, \$89.99 for Apple, \$165.72 for Netflix; 50% of initial levels
Trigger levels:	\$789.45 for Amazon, \$89.99 for Apple, \$165.72 for Netflix; 50% of initial levels
Pricing date:	March 9
Settlement date:	March 14
Agent:	Barclays
Fees:	2.4%
Cusip:	06744CZU8

New Issue: Barclays prices \$540,000 8% phoenix autocalls tied to three stocks

By Susanna Moon

Chicago, March 21 – **Barclays Bank plc** priced \$540,000 of buffered phoenix autocallable notes due March 19, 2020 linked to the common stocks of **Visa Inc.**, **Mastercard Inc.** and **American Express Co.**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 8% if each underlying asset closes at or above its 65% coupon barrier on the observation date for that quarter.

The notes will be called at par plus the contingent coupon if each

stock closes at or above its initial level on any call valuation date.

The payout at maturity will be par unless any underlying asset falls by more than 35%, in which case investors will be fully exposed to any losses.

Issuer:	Barclays Bank plc
Issue:	Buffered phoenix autocallable notes
Underlying asset:	Visa Inc. (Symbol: V), Mastercard Inc. (Symbol: MA) and American Express Co. (Symbol:
	AXP)
Amount:	\$540,000
Maturity:	March 19, 2020
Coupon:	8% annualized, payable quarterly if each stock closes at or above 65% coupon barrier on
	observation date for that month
Price:	Par
Payout at maturity:	Par plus contingent coupon unless any asset falls by more than 35%, in which case 1% loss per
	1% decline
Call:	At par plus contingent coupon if each stock closes at or above initial level on any call valuation
	date other than the final date
Initial levels:	\$124.24 for Visa, \$182.54 for Mastercard and \$97.67 for AmEx
Trigger levels:	\$80.76 for Visa, \$118.65 for Mastercard and \$63.49 for AmEx; 65% of initial levels
Pricing date:	March 12
Settlement date:	March 19
Agent:	Barclays
Fees:	2.5%
Cusip:	06741WEA4

New Issue: Barclays prices \$758,000 8.15% contingent coupon callables tied to two indexes

By Susanna Moon

Chicago, March 21 – **Barclays Bank plc** priced \$758,000 of callable contingent coupon notes due Dec. 10, 2021 linked to the least performing of the **Russell 2000 index** and the **Euro Stoxx 50 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 8.15% if each index closes at or above its 70% coupon barrier on the observation date for that quarter.

The notes are callable at par on any interest payment date beginning with

the second observation date.

The payout at maturity will be par unless either underlying index closes below its 70% trigger level, in which case investors will be exposed to any losses of the worse performing index. Barclays is the agent.

Issuer:	Barclays Bank plc
Issue:	Callable contingent coupon notes
Underlying indexes:	Russell 2000 and Euro Stoxx 50
Amount:	\$758,000
Maturity:	Dec. 10, 2021
Coupon:	8.15% annualized, payable quarterly if each index closes at or above its 70% coupon barrier on
	observation date for that quarter
Price:	Par
Payout at maturity:	Par unless either index falls by more than 30%, in which case 1% loss per 1% decline of worse
	performing index
Call option:	At par on any interest payment date beginning with second observation date
Initial levels:	1,574.53 for Russell and 3,377.36 for Stoxx
Trigger levels:	1,102.17 for Russell and 2,364.15 for Stoxx, 70% of initial levels
Pricing date:	March 7
Settlement date:	March 9
Agent:	Barclays
Fees:	3%
Cusip:	06744CZT1



New Issue: BMO sells \$1 million cash-settled autocalls tied to biotech, EAFE funds

By Susanna Moon

Chicago, March 21 – **Bank of Montreal** priced \$1 million of autocallable cash-settled notes with conditional interest payments due March 9, 2020 linked to the lesser performing of the **SPDR S&P Biotech ETF** and the **iShares MSCI EAFE ETF**, according to a 424B2 filing with the Securities and Exchange Commission.

Interest is payable quarterly at an annual rate of 9.1% if each underlying component closes at or above its 60% coupon barrier level on the observation date for that quarter.

The notes will be called at par if each component closes at or above its initial

level on any review date after six months.

The payout at maturity will be par unless either fund finishes below its 60% trigger level, in which case investors be fully exposed to any losses of the worse performing fund.

BMO Capital Markets Corp. is the agent.

Issuer:	Bank of Montreal
Issue:	Autocallable cash-settled notes with conditional interest payments
Underlying assets:	SPDR S&P Biotech ETF and iShares MSCI EAFE ETF
Amount:	\$1 million
Maturity:	March 9, 2020
Coupon:	9.1% annualized, payable quarterly if each component closes at or above its 60% coupon
	barrier on observation date for that quarter
Price:	Par
Payout at maturity:	Par unless either fund finishes below trigger level, in which case 1% loss for each 1% decline
	of worse performing fund
Call:	At par plus coupon if each asset closes at or above its initial level on any call date beginning
	Sept. 5, 2018
Initial levels:	\$91.96 for biotech fund and for \$69.42 for EAFE fund
Trigger levels:	\$55.18 for biotech fund and for \$41.65 for EAFE fund; 60% of initial levels
Pricing date:	March 5
Settlement date:	March 8
Agent:	BMO Capital Markets Corp.
Fees:	0.1%
Cusip:	06367T3V0



New Issue: BofA prices \$5.25 million contingent income callable notes on EM, financial ETFs

By Wendy Van Sickle

Columbus, Ohio, March 21 – **BofA Finance LLC** priced \$5.25 million of contingent income issuer callable notes due Sept. 24, 2019 linked to the worst performing of the **iShares MSCI Emerging Markets exchange-traded fund** and the **Financial Select Sector SPDR fund**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **Bank of America Corp.**

Each quarter, the notes will pay a contingent coupon at an annual rate of 8% if each ETF closes at or above its 70% threshold value on the determination date for that quarter. The notes will be callable at par on any contingent interest payment date from Dec. 24, 2018 to June 24, 2019.

The payout at maturity will be par plus the final coupon unless either ETF finishes below its 70% threshold value, in which case investors will be fully exposed to any losses of the worst performing ETF. BofA Merrill Lynch is the agent.

Issuer:	BofA Finance LLC
Guarantor:	Bank of America Corp.
Issue:	Contingent income issuer callable notes
Underlying funds:	Financial Select Sector SPDR fund and iShares MSCI Emerging Markets ETF
Amount:	\$5.25 million
Maturity:	Sept. 24, 2019
Contingent coupon:	8% annualized, payable quarterly if each fund closes at or above threshold level on observation
	date for that quarter
Price:	Par
Payout at maturity:	Par plus coupon unless either fund finishes below threshold, in which case 1% loss for each 1%
	decline of worst performing fund
Call option:	At par plus any coupon due on any contingent interest payment date from Dec. 24, 2018 to
	June 24, 2019
Initial levels:	\$28.66 for Financial Select and \$48.68 for Emerging Markets
Thresholds:	\$20.06 for Financial Select and \$34.08 for Emerging Markets; 70% of initial levels
Pricing date:	March 19
Settlement date:	March 22
Agent:	BofA Merrill Lynch
Fees:	1.5%
Cusip:	09709TEA5



New Issue: BofA sells \$21.20 million market-linked step-up autocallables tied to Russell 2000

By Marisa Wong

Morgantown, W.Va., March 21 – **BofA Finance LLC** priced \$21,198,540 of 0% autocallable market-linked step-up notes due March 26, 2021 linked to the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **Bank of America Corp.**

If the index closes at or above its initial level on an annual observation date, the notes will be called at par plus a premium of 8.72% a year.

If the index finishes above the step-up level – 130% of the initial level – the

payout at maturity will be par of \$10 plus the index gain.

If the index gains by up to the step-up level, the payout will be par plus the step-up payment of 30%.

Investors will be exposed to any losses.

BofA Merrill Lynch is the agent.

Issuer:	BofA Finance LLC
Guarantor:	Bank of America Corp.
Issue:	Autocallable market-linked step-up notes
Underlying index:	Russell 2000
Amount:	\$21,198,540
Maturity:	March 26, 2021
Coupon:	0%
Price:	Par of \$10
Call:	At par plus 8.72% a year premium if index closes at or above initial level on an annual
	observation date
Payout at maturity:	If the index finishes above the step-up level, par plus the index gain; if the index gains up to the
	step-up level, par plus 30%; exposure to any losses
Initial level:	1,576.618
Step-up value:	2,049.603, 130% of initial level
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	BofA Merrill Lynch
Fees:	2%
Cusip:	097097398



New Issue: CIBC prices \$9.69 million capped leveraged buffered notes on Russell

By Marisa Wong

Morgantown, W.Va., March 21 – Canadian Imperial Bank of Commerce priced \$9.69 million of 0% capped leveraged buffered notes due March 18, 2020 linked to the **Russell** 2000 index, according to a 424B2 filing with the Securities and Exchange Commission.

If the index return is positive, the payout at maturity will be par plus 1.5 times the index gain, subject to a maximum settlement amount of \$1,219.75 per \$1,000 principal amount. If the index falls by up to 10%, the payout will be par. If the index falls by more than 10%, investors will lose 1.1111% for every 1% decline beyond the buffer.

CIBC World Markets Corp. is the agent.

Issuer:	Canadian Imperial Bank of Commerce
Issue:	Capped leveraged buffered notes
Underlying index:	Russell 2000 index
Amount:	\$9.69 million
Maturity:	March 18, 2020
Coupon:	0%
Price:	Par
Payout at maturity:	If the index return is positive, par plus 1.5 times the index gain, return capped at 21.975%; if
	index falls by up to 10%, par; if index falls by more than 10%, 1.1111% loss for every 1%
	decline beyond the buffer
Initial index level:	1,576.618
Pricing date:	March 15
Settlement date:	March 22
Agent:	CIBC World Markets Corp.
Fees:	2%
Cusip:	13605WKK6



New Issue: CIBC sells \$14.09 million capped leveraged buffered notes on MSCI EAFE

By Marisa Wong

Morgantown, W.Va., March 21 – Canadian Imperial Bank of Commerce priced \$14.09 million of 0% capped leveraged buffered notes due Jan. 17, 2020 linked to the MSCI EAFE index, according to a 424B2 filing with the Securities and Exchange Commission.

If the index return is positive, the payout at maturity will be par plus 1.6 times the index gain, subject to a maximum settlement amount of \$1,276 per \$1,000 principal amount. If the index falls by up to 12.5%, the payout will be par. If the index falls by more than 12.5%, investors will lose 1.1429% for every 1% decline beyond the buffer.

CIBC World Markets Corp. is the agent.

Issuer:	Canadian Imperial Bank of Commerce
Issue:	Capped leveraged buffered notes
Underlying index:	MSCI EAFE index
Amount:	\$14,087,000
Maturity:	Jan. 17, 2020
Coupon:	0%
Price:	Par
Payout at maturity:	If the index return is positive, par plus 1.6 times the index gain, return capped at 27.6%; if
	index falls by up to 12.5%, par; if index falls by more than 12.5%, 1.1429% loss for every 1%
	decline beyond the buffer
Initial index level:	2,047.89
Pricing date:	March 15
Settlement date:	March 22
Agent:	CIBC World Markets Corp.
Fees:	None
Cusip:	13605WKM2

New Issue: CIBC sells \$2.98 million leveraged buffered notes tied to MSCI EAFE

By Susanna Moon

Chicago, March 21 – **Canadian Imperial Bank of Commerce** priced \$2.98 million of 0% leveraged buffered notes due March 11, 2020 linked to the **MSCI EAFE index**, according to a 424B2 filing with the Securities and Exchange Commission.

The payout at maturity will be par plus 1.6 times any index gain, up to a maximum settlement amount of \$1,280 for each \$1,000 principal amount of notes.

Investors will receive par if the index falls by up to 15% and will lose 1.1765% for each 1% decline beyond 15%.

CIBC World Markets Corp. is the agent.

Issuer:	Canadian Imperial Bank of Commerce
Issue:	Leveraged buffered notes
Underlying index:	MSCI EAFE
Amount:	\$2,982,000
Maturity:	March 11, 2020
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 160% of any index gain, capped at 28%; par if index falls by up to 15%; 1.1765% loss
	for each 1% decline beyond 15%
Initial level:	2,027.95
Pricing date:	March 7
Settlement date:	March 14
Agent:	CIBC World Markets Corp.
Fees:	1%
Cusip:	13605WKH3





New Issue: Citi prices \$3.47 million contingent coupon autocalls on Facebook, Alphabet

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Citigroup Global Markets Holdings Inc.** priced \$3.47 million of autocallable contingent coupon equity-linked securities due March 20, 2019 linked to the class A common stocks of **Facebook, Inc.** and **Alphabet Inc.**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a contingent quarterly coupon at an annual rate of 9% if each stock closes at or above its 77.5% coupon barrier on the observation date for that quarter.

The notes will be called at par if each stock closes at or above its initial level on any quarterly observation date.

The payout at maturity will be par

unless either stock finishes below its 77.5% barrier level, in which case the payout will be par plus the return of the worse performing stock with full exposure to any losses.

The notes are guaranteed by **Citigroup** Inc.

Citigroup Global Markets Inc. is the agent.

Issuer:	Citigroup Global Markets Holdings Inc.
Guarantor:	Citigroup Inc.
Issue:	Autocallable contingent coupon equity-linked securities
Underlying asset:	Facebook, Inc., Alphabet Inc.
Amount:	\$3,468,000
Maturity:	March 20, 2019
Coupon:	9% annualized, payable quarterly if each stock closes at or above its coupon barrier on
	observation date for that quarter
Price:	Par
Payout at maturity:	Par unless either stock finishes below barrier, in which case par plus return of worse
	performing stock
Call:	At par if each stock closes at or above its initial price on any quarterly call observation date
Initial levels:	\$183.86 for Facebook, \$1,150.61 for Alphabet
Barrier levels:	\$142.492 for Facebook, \$891.723 for Alphabet, 77.5% of initial levels
Pricing date:	March 15
Settlement date:	March 20
Agent:	Citigroup Global Markets Inc.
Fees:	1.25%
Cusip:	17324XLW8



New Issue: Citigroup prices \$2.67 million buffered notes linked to MSCI EAFE

By Marisa Wong

Morgantown, W.Va., March 21 – **Citigroup Global Markets Holdings Inc.** priced \$2.67 million of 0% buffered index-linked notes due Feb. 20, 2020 tied to the **MSCI EAFE index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes are guaranteed by Citigroup Inc.

If the index return is positive, the payout at maturity will be par plus 160% of the index return, capped at par plus 24%. Investors will receive par if the index falls by up to 12.5% and lose 1.1429% for every 1% decline in the index beyond 12.5%.

Citigroup Global Markets Holdings Inc. is the underwriter.

Issuer:	Citigroup Global Markets Holdings Inc.
Guarantor:	Citigroup Inc.
Issue:	Buffered index-linked notes
Underlying index:	MSCI EAFE
Amount:	\$2,665,000
Maturity:	Feb. 20, 2020
Coupon:	0%
Price:	Par
Payout at maturity:	If index return is positive, par plus 160% of index return, capped at par plus 24%; par if index
	falls by up to 12.5%; 1.1429% loss for every 1% decline in index beyond 12.5%
Initial index level:	2,047.89
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	Citigroup Global Markets Holdings Inc.
Fees:	None
Cusip:	17324CT97

New Issue: Citigroup sells \$1.70 million autocallable securities on three indexes

By Marisa Wong

Morgantown, W.Va., March 21 – Citigroup Global Markets Holdings Inc. priced \$1,698,000 of 0% autocallable securities due March 20, 2023 linked to the S&P 500 index, the Russell 2000 index and the Dow Jones industrial average, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be guaranteed by **Citigroup Inc.**

If each index closes at or above its initial level on any of the first four annual valuation dates, the notes will be called at par plus a premium of 9.15% per year.

If the notes are not called and each index finishes at or above its initial level,

the payout will be par plus 45.75%.

If any index falls but none finish below the 70% trigger level, the payout will be par.

Otherwise, investors will lose 1% for each 1% decline of the worst performing index from its initial level.

Citigroup Global Markets Inc. is the agent.

Issuer:	Citigroup Global Markets Holdings Inc.
Guarantor:	Citigroup Inc.
Issue:	Autocallable securities
Underlying indexes:	S&P 500, Russell 2000, Dow Jones industrial average
Amount:	\$1,698,000
Maturity:	March 20, 2023
Coupon:	0%
Price:	Par
Payout at maturity:	If each index finishes at or above its initial level, par plus 45.75%; if any index falls but each
	finishes at or above trigger level, par; otherwise, 1% loss for each 1% decline of the worst
	performing index from its initial level
Call:	Automatically at par plus annualized premium of 9.15% if each index closes at or above its
	initial level on any of first four annual valuation dates
Initial levels:	2,747.33 for S&P, 1,576.618 for Russell, 24,873.66 for Dow
Triggers:	1,923.131 for S&P, 1,103.633 for Russell, 17,411.562 for Dow; 70% of initial levels
Pricing date:	March 15
Settlement date:	March 20
Agent:	Citigroup Global Markets Inc.
Fees:	4.175%
Cusip:	17324CSA5



New Issue: Citigroup sells \$6.47 million contingent income autocallables on Bristol-Myers

By Tali Rackner

Minneapolis, March 21 – Citigroup Global Markets Holdings Inc. priced \$6.47 million of contingent income autocallable securities due March 5, 2021 linked to the common stock of Bristol-Myers Squibb Co., according to a 424B2 filing with the Securities and Exchange Commission. The notes are guaranteed by

Citigroup Inc.

The notes will pay a contingent quarterly coupon at an annual rate of 8.25% if the stock closes at or above the 75% downside threshold level on the determination date for that quarter.

The notes will be called at par plus the contingent coupon if the stock closes at or above its initial level on any valuation date other than the final date.

The payout at maturity will be par plus the final coupon unless the stock finishes below its 75% downside threshold, in which case investors will lose 1% for each 1% decline of the stock.

Citigroup Global Markets Inc. is the underwriter with Morgan Stanley Wealth Management as a dealer.

Issuer:	Citigroup Global Markets Holdings Inc.
Guarantor:	Citigroup Inc.
Issue:	Contingent income autocallable securities
Underlying stock:	Bristol-Myers Squibb Co. (Symbol: BMY)
Amount:	\$6,465,190
Maturity:	March 5, 2021
Coupon:	8.25% per year, payable each quarter that stock closes at or above downside threshold level on
	determination date for that quarter
Price:	Par
Payout at maturity:	If final share price is greater than or equal to downside threshold level, par plus final contingent
	coupon; otherwise, full exposure to decline
Call:	At par plus contingent coupon if stock closes at or above initial level on any valuation date
	other than the final date
Initial share price:	\$66.17
Downside threshold:	\$49.628, 75% of initial level
Pricing date:	March 2
Settlement date:	March 7
Agent:	Citigroup Global Markets Inc. with Morgan Stanley Wealth Management as dealer
Fees:	2.5%
Cusip:	17326K361



New Issue: Credit Suisse prices \$1.19 million contingent coupon callable yield notes on Russell, S&P

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$1.19 million of contingent coupon callable yield notes due March 21, 2023 linked to the lowest performing of the **S&P 500 index** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a monthly coupon at an annualized rate of 9.25% if each index closes at or above its barrier level, 75% of its initial level, on an observation date.

The notes will be callable at par on any monthly observation date after three

months.

The payout at maturity will be par unless either index finishes below its 65% knock-in level, in which case investors will be fully exposed to any losses of the lesser-performing index.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon callable yield notes
Underlying indexes:	S&P 500 and Russell 2000
Amount:	\$1,186,000
Maturity:	March 21, 2023
Coupon:	9.25% per year, payable monthly if each index closes at or above its barrier level on
	observation date
Price:	Par
Payout at maturity:	Par unless either index finishes below its knock-in level, in which case full exposure to any
	losses of the lesser-performing index
Call option:	At par on any monthly observation date after three months
Initial index levels:	1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Barriers levels:	1,189.536 for Russell 2000 and 2,064.0075 for S&P 500; 75% of initial levels
Knock-in levels:	1,030.9312 for Russell 2000 and 1,788.8065 for S&P 500; 65% of initial levels
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Fees:	1%
Cusip:	22550WKU0

New Issue: Credit Suisse prices \$11.2 million contingent income autocallables linked to Capital One

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG** priced \$11.2 million of autocallable contingent income securities due March 19, 2021 linked to **Capital One Financial Corp.** stock, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a contingent quarterly coupon at an annual rate of 9% if the stock closes at or above its 75% coupon barrier on the related observation date.

The notes will be called at par of \$10 plus the contingent coupon if the stock closes at or above its initial share price on any observation date.

The payout at maturity will be par plus the contingent coupon unless the stock finishes below its 75% downside threshold, in which case investors will be fully exposed to any losses.

Credit Suisse Securities (USA) LLC is the agent. Morgan Stanley Wealth Management is handling distribution.

Issuer:	Credit Suisse AG
Issue:	Autocallable contingent income securities
Underlying stock:	Capital One Financial Corp.
Amount:	\$11,195,000
Maturity:	March 19, 2021
Coupon:	9% per year, payable quarterly if stock closes at or above coupon barrier on determination date
Price:	Par
Payout at maturity:	If stock finishes at or above downside threshold, par; otherwise, full exposure to decline
Call:	At par if stock closes at or above initial level on any determination date
Initial share price:	\$99.36
Coupon barrier:	\$74.52; 75% of initial share price
Downside threshold:	\$74.52; 75% of initial share price
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Distribution:	Morgan Stanley Wealth Management
Fees:	2.5%
Cusip:	22549E762



New Issue: Credit Suisse prices \$2.6 million autocallable reverse convertibles on four stocks

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$2.6 million of 10% autocallable reverse convertible securities due March 13, 2019 linked to least performing of four stocks, according to a 424B2 filing with the Securities and Exchange Commission.

The stocks are **Blackstone Group**

LP, Invesco Ltd., KKR & Co. LP and State Street Corp.

Credit Suisse will pay the coupon monthly.

The notes will be called at par if the shares of the least performing stock close at or above their initial price on a quarterly observation date after six months.

The payout at maturity will be par

unless any of the stocks finishes below its 60% knock-in level, in which case investors will receive a number of shares of the least performing stock equal to \$1,000 divided by the initial share price or, at the issuer's option, an amount in cash equal to the value of those shares.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Autocallable reverse convertible securities
Underlying stocks:	Blackstone Group LP, Invesco Ltd., KKR & Co. LP and State Street Corp.
Amount:	\$2.6 million
Maturity:	March 13, 2019
Coupon:	10%, payable monthly
Price:	Par
Payout at maturity:	Par unless any stock finishes below knock-in price, in which case shares of least performing
	stock equal to \$1,000 divided by initial share price or amount in cash equal to value of those
	shares
Call:	At par plus the coupon if shares close at or above initial share price on any quarterly trigger
	observation date after six months
Initial share prices:	\$33.38 for Blackstone, \$32.64 for Invesco, \$21.64 for KKR, \$105.83 for State Street
Knock-in prices:	\$20.028 for Blackstone, \$19.584 for Invesco, \$12.984 for KKR, \$63.498 for State Street; or
	60% of initial share prices
Pricing date:	March 19
Settlement date:	March 22
Agent:	Credit Suisse Securities (USA) LLC
Fees:	3.5%
Cusip:	22549JRV4

New Issue: Credit Suisse prices \$4.87 million contingent income autocallables linked to American Airlines

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG** priced \$4.87 million of autocallable contingent income securities due March 21, 2019 linked to **American Airlines Group Inc.** stock, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a contingent quarterly coupon at an annual rate of 11% if the stock closes at or above its 70% coupon barrier on the related observation date.

The notes will be called at par of \$10 plus the contingent coupon if the stock closes at or above its initial share price on any observation date.

The payout at maturity will be par plus the contingent coupon unless the stock finishes below its 70% downside threshold, in which case investors will be fully exposed to any losses.

Credit Suisse Securities (USA) LLC is the agent. Morgan Stanley Wealth Management is handling distribution.

Issuer:	Credit Suisse AG
Issue:	Autocallable contingent income securities
Underlying stock:	American Airlines Group Inc.
Amount:	\$4,865,680
Maturity:	March 21, 2019
Coupon:	11% per year, payable quarterly if stock closes at or above coupon barrier on determination
	date
Price:	Par
Payout at maturity:	If stock finishes at or above downside threshold, par; otherwise, full exposure to decline
Call:	At par if stock closes at or above initial level on any determination date
Initial share price:	\$55.40
Coupon barrier:	\$38.78; 70% of initial share price
Downside threshold:	\$38.78; 70% of initial share price
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Distribution:	Morgan Stanley Wealth Management
Fees:	1.75%
Cusip:	22549E754



New Issue: Credit Suisse prices \$5.9 million 20-month Bares on iShares MSCI EAFE

By Marisa Wong

Morgantown, W.Va., March 21 – **Credit Suisse AG, London Branch** priced \$5.9 million of 0% Buffered Accelerated Return Equity Securities due Nov. 20, 2019 tied to the **iShares**

MSCI EAFE exchange-traded fund,

according to a 424B2 filing with the Securities and Exchange Commission. If the ETF return is positive, the payout at maturity will be par plus 150% of the ETF return, capped at par plus 18.45%. Investors will receive par if the ETF falls by up to 20% and lose 1.25% for every 1% decline in the ETF beyond 20%.

Credit Suisse Securities (USA) LLC is the underwriter.

Issuer:	Credit Suisse AG, London Branch
Issue:	Buffered Accelerated Return Equity Securities
Underlying ETF:	iShares MSCI EAFE ETF
Amount:	\$5.9 million
Maturity:	Nov. 20, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If ETF return is positive, par plus 150% of the ETF return, capped at par plus 18.45%; par if
-	ETF falls by up to 20%; 1.25% loss for every 1% decline in the ETF beyond 20%
Initial price:	\$70.56
Buffer level:	\$56.448, 80% of initial price
Pricing date:	March 15
Settlement date:	March 20
Agent:	Credit Suisse Securities (USA) LLC
Fees:	None
Cusip:	22550WKD8



New Issue: Credit Suisse prices \$500,000 CS notes tied to Stoxx, DAX, Swiss Market

By Susanna Moon

Chicago, March 21 – **Credit Suisse AG, Nassau Branch** priced \$500,000 of 0% CS notes due March 5, 2021 linked to a basket consisting of the **Euro Stoxx 50** **index**, the **DAX index** and the **Swiss Market index**, equally weighted, according to a 424B2 filing with the Securities and Exchange.

The payout at maturity will be par

plus 1.4 times any basket gain.

If the basket falls, the payout will be par.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, Nassau Branch
Issue:	CS notes
Underlying basket:	Euro Stoxx 50 index, DAX index and Swiss Market index, equally weighted
Amount:	\$500,000
Maturity:	March 5, 2021
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 140% of any basket gain; if basket declines, par
Initial levels:	3,324.75 for Stoxx, 11,913.71 for DAX and 8,628.51 for Swiss Market
Pricing date:	March 5
Settlement date:	March 8
Agent:	Credit Suisse Securities (USA) LLC
Fees:	0.4%
Cusip:	22550WHK6



New Issue: Credit Suisse prices \$500,000 knock-out notes on Broadcom

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$500,000 of 0% knock-out notes due April 3, 2019 linked to the ordinary shares of **Broadcom Ltd.**, according to a 424B2 filing with the Securities and Exchange Commission.

A knock-out event will occur if the final share price is less than the knock-out level, 70% of the initial share price.

If a knock-out event has not occurred, the payout at maturity will be

par plus the fixed payment percentage of 10%. If knock-out event has occurred, investors will lose 1% for each 1% decline.

J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA are the placement agents.

Issuer:	Credit Suisse AG, London Branch
Issue:	Knock-out notes
Underlying stock:	Broadcom Ltd.
Amount:	\$500,000
Maturity:	April 3, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 10% unless stock finishes below knock-out level, in which case investors will lose 1%
	for each 1% decline
Initial price:	\$254.87
Knock-out price:	\$178.41, 70% of initial price
Final price:	Average of closing share prices on five trading days ending March 29, 2019
Pricing date:	March 19
Settlement date:	March 22
Agents:	J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA
Fees:	1%
Cusip:	22550WL70



New Issue: Credit Suisse prices \$572,000 five-year CS notes tied to three indexes

By Susanna Moon

Chicago, March 21 – **Credit Suisse AG, Nassau Branch** priced \$572,000 of 0% CS notes due March 7, 2023 linked to a basket consisting of the **Euro Stoxx 50** **index**, the **DAX index** and the **Swiss Market index**, equally weighted, according to a 424B2 filing with the Securities and Exchange.

The payout at maturity will be par

plus 2.25 times any basket gain.

If the basket falls, the payout will be par.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, Nassau Branch
Issue:	CS notes
Underlying basket:	Euro Stoxx 50 index, DAX index and Swiss Market index, equally weighted
Amount:	\$572,000
Maturity:	March 7, 2023
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 225% of any basket gain; if basket declines, par
Initial levels:	3,324.75 for Stoxx, 11,913.71 for DAX and 8,628.51 for Swiss Market
Pricing date:	March 5
Settlement date:	March 8
Agent:	Credit Suisse Securities (USA) LLC
Fees:	0.4%
Cusip:	22550WHJ9



New Issue: Credit Suisse prices \$803,000 autocallable yield notes on S&P, Russell, Stoxx

By Wendy Van Sickle

Columbus, Ohio, March 21 – Credit Suisse AG, London Branch priced \$803,000 of 7.5% autocallable yield notes due Sept. 23, 2019 linked to the Euro Stoxx 50 index, the S&P 500 index and the Russell 2000 index , according to a 424B2 filing with the Securities and Exchange Commission. Interest will be payable monthly. The notes will be called at par if each index closes at or above its initial level on any quarterly trigger observation date starting June 18. The payout at maturity will be par unless any index closes at or below its knock-in level, 70% of its initial level, during the life of the notes, in which case the payout will be par plus the return of the least-performing index, subject to a maximum payout of par.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Autocallable yield notes
Underlying indexes:	Euro Stoxx 50, S&P 500 and Russell 2000
Amount:	\$803,000
Maturity:	Sept 23, 2019
Coupon:	7.5%, payable monthly
Price:	Par
Payout at maturity:	Par unless any index closes at or below knock-in level on any day during life of notes, in which
	case par plus return of least-performing index, capped at par
Call:	At par if each index closes at or above its initial level on any quarterly trigger observation date
	starting June 18
Initial index levels:	3,437.4 for Euro Stoxx 50, 1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Knock-in levels:	2,406.18 for Euro Stoxx 50, 1,110.2336 for Russell 2000 and 1,926.407 for S&P 500; 70% of
	initial levels
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Fees:	2.125%
Cusip:	22550WJD0



New Issue: Credit Suisse sells \$1.04 million contingent coupon autocallable yield notes on Boeing

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$1.04 million of contingent coupon autocallable yield notes due April 3, 2019 linked to the common stock of **Boeing Co.**, according to a 424B2 filing with the Securities and Exchange Commission. Each quarter the notes will pay a contingent coupon at an annual rate of 11.65% if the stock closes at or above the coupon barrier, 70% of the initial level, for that quarter.

The notes will be called at par plus the contingent coupon if stock closes at or above its initial price on a quarterly trigger observation date. The payout at maturity will be par unless the shares close below the70% knock-in level, in which case investors will receive a number of Boeing shares equal to \$1,000 divided by the initial share price or, at the issuer's option, the cash equivalent.

J.P. Morgan is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying stock:	Boeing Co.
Amount:	\$1.04 million
Maturity:	April 3, 2019
Contingent payment:	11.65% per year, payable quarterly if stock closes at or above coupon barrier level on
	observation date for that quarter
Price:	Par
Payout at maturity:	Par unless stock falls below knock-in level, in which case a number of Boeing shares equal to
	\$1,000 divided by the initial share price
Call:	Automatically at par plus contingent payment if stock closes at or above trigger level on a
	quarterly trigger observation date
Initial price:	\$330.47
Coupon barrier/knock-in level:	\$231.33, 70% of initial level
Pricing date:	March 16
Settlement date:	March 21
Agent:	J.P. Morgan
Fees:	1%
Cusip:	22550WKX4



New Issue: Credit Suisse sells \$1.29 million 7.4% contingent coupon autocalls tied to indexes

By Susanna Moon

Chicago, March 21 – **Credit Suisse AG, London Branch** priced \$1.29 million of contingent coupon autocallable yield notes due Sept. 12, 2019 linked to the lesser performing of the **Dow Jones industrial average** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent monthly coupon at an annual rate of 7.4% if each index closes at or above its 75% coupon barrier on the observation date for that month.

The notes will be called at par if each index closes at or above its

initial level on any review date.

The payout at maturity will be par unless either index ever closes below its 75% knock-in level, in which case investors will be fully exposed to any losses of the worse performing index.

Credit Suisse Securities (USA) LLC is the underwriter.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying indexes:	Dow Jones industrial average and Russell 2000 index
Amount:	\$1,286,000
Maturity:	Sept. 12, 2019
Coupon:	7.4% annualized, payable monthly if each index closes at or above its 75% coupon barrier on
	observation date for that month
Price:	Par
Payout at maturity:	Par unless either index ever closes below 75% knock-in level, in which case 1% loss per 1%
	decline of worse performing index
Call:	At par if each index closes at or above its initial level on any review date
Initial levels:	1,574.533 for Russell, 24,801.36 for Dow
Barrier levels:	1,180.89975 for Russell, 18,601.02 for Dow; 75% of initial levels
Pricing date:	March 7
Settlement date:	March 12
Agent:	Credit Suisse Securities (USA) LLC
Fees:	2.4%
Cusip:	22550WFF9



New Issue: Credit Suisse sells \$1.87 million contingent coupon autocallable yield notes on Applied Materials

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$1.87 million of contingent coupon autocallable yield notes due April 3, 2019 linked to the common stock of **Applied Materials, Inc.**, according to a 424B2 filing with the Securities and Exchange Commission. Each quarter the notes will pay a contingent coupon at an annual rate of 15.25% if the stock closes at or above the coupon barrier, 75% of the initial level, for that quarter.

The notes will be called at par plus the contingent coupon if stock closes at or above its initial price on a quarterly trigger observation date. The payout at maturity will be par unless the shares close below the 75% knock-in level, in which case investors will receive a number of Applied Materials shares equal to \$1,000 divided by the initial share price or, at the issuer's option, the cash equivalent.

J.P. Morgan is the agent.

Credit Suisse AG, London Branch
Contingent coupon autocallable yield notes
Applied Materials, Inc.
\$1.87 million
April 3, 2019
15.25% per year, payable quarterly if stock closes at or above coupon barrier level on
observation date for that quarter
Par
Par unless stock falls below knock-in level, in which case a number of Applied Materials
shares equal to \$1,000 divided by the initial share price
Automatically at par plus contingent payment if stock closes at or above trigger level on a
quarterly trigger observation date
\$59.44
\$44.58, 75% of initial level
March 16
March 21
J.P. Morgan
1%
22550WJW8



New Issue: Credit Suisse sells \$2.14 million contingent coupon autocallable yield notes on S&P, Russell

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$2.14 million of contingent coupon autocallable yield notes due June 21, 2019 linked to the lesser performing of the **S&P 500 index** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a monthly coupon at an annualized rate of 9% if each index closes at or above its barrier level, 75% of its initial level, on a related observation date.

The notes will be called at par if each index closes above its initial level on Sept. 18, 2018, Dec. 18, 2018 or March 18, 2019. The payout at maturity will be par unless either index finishes below its initial level and either index closes below its 75% knock-in level during the life of the notes, in which case investors will be fully exposed to any losses of the lesser-performing index.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying indexes:	S&P 500 and Russell 2000
Amount:	\$2.14 million
Maturity:	June 21, 2019
Coupon:	9% per year, payable monthly if each index closes at or above its barrier level on observation
	date
Price:	Par
Payout at maturity:	Par unless either index finishes below its initial level and either closes below its knock-in level
	during life of notes, in which case full exposure to any losses of the lesser-performing index
Call:	At par if each index closes above initial level on Sept. 18, 2018, Dec. 18, 2018 or March 18,
	2019
Initial index levels:	1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Barriers/knock-in levels:	1,189.536 for Russell 2000 and 2,064.0075 for S&P 500; 75% of initial levels
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Fees:	1%
Cusip:	22550WFT9

New Issue: Credit Suisse sells \$2.5 million contingent coupon autocallables on BofA, Goldman

By Marisa Wong

Morgantown, W.Va., March 21 – **Credit Suisse AG, London Branch** priced \$2.5 million of contingent coupon autocallable yield notes due April 1, 2019 linked to the least performing of the common stocks of **Bank of America Corp.** and **Goldman Sachs Group, Inc.**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly coupon at an annual rate of 14.45% if each stock closes at or above its 80% coupon barrier on the related quarterly observation date.

The notes will be called at par if each stock closes at or above its initial price on any quarterly review date prior to maturity. The payout at maturity will be par unless any stock finishes below its 80% knock-in level, in which case investors will be fully exposed to the decline of the worst performing stock.

J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA are the placement agents.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying stocks:	Bank of America Corp. (Symbol: BAC) and Goldman Sachs Group, Inc. (Symbol: GS)
Amount:	\$2.5 million
Maturity:	April 1, 2019
Coupon:	14.45% per year, payable each quarter that each stock closes at or above its coupon barrier on
	the related quarterly observation date
Price:	Par
Call:	At par if each stock closes at or above its initial price on any quarterly review date prior to
	maturity
Payout at maturity:	Par unless any stock finishes below its knock-in price, in which case investors will be fully
	exposed to the decline of the worst performing stock
Initial prices:	\$32.14 for BofA, \$264.43 for Goldman
Coupon barriers:	\$25.71 for BofA, \$211.54 for Goldman; 80% of initial prices
Knock-in prices:	\$25.71 for BofA, \$211.54 for Goldman; 80% of initial prices
Pricing date:	March 15
Settlement date:	March 20
Agents:	J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA
Fees:	1%
Cusip:	22550WKE6



New Issue: Credit Suisse sells \$2.75 million 10% contingent coupon callables on three stocks

New York, March 21 – **Credit Suisse AG, London Branch** priced \$2.75 million of contingent coupon callable yield notes due March 16, 2022 linked to the lowest performing of the common stocks of **International Business Machines Corp., Kraft Heinz Co.** and **Walmart Inc.,** according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent monthly coupon at an annual rate of 10% if each stock closes at or above its 60% coupon barrier on the observation date for that month.

Starting Sept. 17, 2018, the notes are callable at par on any interest payment

date.

The payout at maturity will be par unless any stock finishes below its 60% knock-in level, in which case investors will be fully exposed to any losses of the worst performing stock.

Credit Suisse Securities (USA) LLC is the underwriter.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon callable yield notes
Underlying stocks:	International Business Machines Corp., Kraft Heinz Co. and Walmart Inc.
Amount:	\$2,746,000
Maturity:	March 16, 2022
Coupon:	10% annualized, payable monthly if each stock closes at or above its 60% coupon barrier on
	observation date for that month
Price:	Par
Payout at maturity:	Par unless any stock ends below 60% knock-in level, in which full exposure to losses of worst
	performing stock
Call option:	At par on any interest payment date beginning Sept. 17, 2018
Initial levels:	\$159.31 for IBM, \$67.23 for Kraft, \$88.72 for Walmart
Coupon barriers:	\$95.586 for IBM, \$40.338 for Kraft, \$53.23 for Walmart; 60% of initial levels
Knock-in levels:	\$95.586 for IBM, \$40.338 for Kraft, \$53.23 for Walmart; 60% of initial levels
Pricing date:	March 9
Settlement date:	March 16
Agent:	Credit Suisse Securities (USA) LLC
Fees:	2.25%
Cusip:	22550WHU4



New Issue: Credit Suisse sells \$2.76 million contingent coupon autocallable yield notes on S&P, Russell

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$2.76 million of contingent coupon autocallable yield notes due Sept. 23, 2019 linked to the lesser performing of the **S&P 500 index** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a quarterly coupon at an annualized rate of 6.75% if each index closes at or above its barrier level, 70% of its initial level, on a related observation date.

The notes will be called at par if each index closes above its initial level on June 18, Sept. 18, 2018 or Dec. 18, 2018, March 18, 2019 or June 18, 2019. The payout at maturity will be par unless either index finishes below its initial level and either index closes below its 70% knock-in level during the life of the notes, in which case investors will be fully exposed to any losses of the lesser-performing index.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying indexes:	S&P 500 and Russell 2000
Amount:	\$2,755,000
Maturity:	Sept. 23, 2019
Coupon:	6.75% per year, payable quarterly if each index closes at or above its barrier level on
	observation date
Price:	Par
Payout at maturity:	Par unless either index finishes below its initial level and either closes below its knock-in level
	during life of notes, in which case full exposure to any losses of the lesser-performing index
Call:	At par if each index closes above initial level on June 18, Sept. 18, 2018 or Dec. 18, 2018,
	March 18, 2019 or June 18, 2019
Initial index levels:	1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Barriers/knock-in levels:	1,110.2336 for Russell 2000 and 1,926.407 for S&P 500; 70% of initial levels
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Fees:	2.125%
Cusip:	22550WH75



New Issue: Credit Suisse sells \$3.38 million contingent coupon autocallable yield notes on Southwest

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$3.38 million of contingent coupon autocallable yield notes due April 3, 2019 linked to the common stock of **Southwest Airlines Co.**, according to a 424B2 filing with the Securities and Exchange Commission. Each quarter the notes will pay a contingent coupon at an annual rate of 10.95% if the stock closes at or above the coupon barrier, 75% of the initial level, for that quarter.

The notes will be called at par plus the contingent coupon if stock closes at or above its initial price on a quarterly trigger observation date. The payout at maturity will be par unless the shares close below the 75% knock-in level, in which case investors will receive a number of Southwest shares equal to \$1,000 divided by the initial share price or, at the issuer's option, the cash equivalent.

J.P. Morgan is the agent.

Credit Suisse AG, London Branch
Contingent coupon autocallable yield notes
Southwest Airlines Co.
\$3.38 million
April 3, 2019
10.95% per year, payable quarterly if stock closes at or above coupon barrier level on
observation date for that quarter
Par
Par unless stock falls below knock-in level, in which case a number of Southwest shares equal
to \$1,000 divided by the initial share price
Automatically at par plus contingent payment if stock closes at or above trigger level on a
quarterly trigger observation date
\$60.90
\$45.68, 75% of initial level
March 16
March 21
J.P. Morgan
1%
22550WJT5



New Issue: Credit Suisse sells \$704,000 of 11.25% contingent coupon autocallables on three stocks

New York, March 21 – **Credit Suisse AG, London Branch** priced \$704,000 of contingent coupon autocallable yield notes due March 15, 2021 linked to the lowest performing of the common stocks of **American Airlines Group Inc.**, **Walt Disney Co.** and **MGM Resorts International**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent monthly coupon at an annual rate of 11.25% if each stock closes at or above its 50% coupon barrier on the observation date for that month.

Starting Sept. 17, 2018, the notes will be called automatically at par on any quarterly trigger observation date that each underlying stock closes at or above its initial level.

The payout at maturity will be par unless any stock finishes below its 50% knock-in level, in which case investors will be fully exposed to any losses of the worst performing stock.

Credit Suisse Securities (USA) LLC is the underwriter and Incapital is the distributor.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon callable yield notes
Underlying stocks:	American Airlines Group Inc., Walt Disney Co. and MGM Resorts International
Amount:	\$704,000
Maturity:	March 15, 2021
Coupon:	11.25% annualized, payable monthly if each stock closes at or above its 50% coupon barrier on
	observation date for that month
Price:	Par
Payout at maturity:	Par unless any stock ends below 50% knock-in level, in which full exposure to losses of worst
	performing stock
Call option:	Automatically at par quarterly beginning Sept. 17, 2018 if each underlying stock closes at or
	above its initial level
Initial levels:	\$56.07 for American Airlines, \$104.73 for Disney, \$36.79 for MGM Resorts
Coupon barriers:	\$28.035 for American Airlines, \$52.365 for Disney, \$18.395 for MGM Resorts; 50% of initial
	levels
Knock-in levels:	\$28.035 for American Airlines, \$52.365 for Disney, \$18.395 for MGM Resorts; 50% of initial
	levels
Pricing date:	March 9
Settlement date:	March 14
Agent:	Credit Suisse Securities (USA) LLC
Distributor:	Incapital
Fees:	0.34%
Cusip:	22550WHW0



New Issue: Credit Suisse sells \$750,000 9% contingent coupon autocalls tied to indexes

By Susanna Moon

Chicago, March 21 – Credit Suisse AG, London Branch priced \$750,000 of contingent coupon autocallable yield notes due June 12, 2019 linked to the lesser performing of the S&P 500 index and the Russell 2000 index, according to a 424B2 filing with the Securities and Exchange

Commission.

coupon at an annual rate of 9% if each index closes at or above its 70% coupon barrier on the observation date for that quarter.

The notes will be called at par if each index closes at or above its initial level on any review date.

The payout at maturity will be par unless The notes will pay a contingent quarterly either index ever closes below its 70% knock-in level, in which case investors will be fully exposed to any losses of the worse performing index.

> Credit Suisse Securities (USA) LLC is the underwriter.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying indexes:	S&P 500 and Russell 2000
Amount:	\$750,000
Maturity:	June 12, 2019
Coupon:	9% annualized, payable quarterly if each index closes at or above its 70% coupon barrier on
	observation date for that quarter
Price:	Par
Payout at maturity:	Par unless either index ever closes below 70% knock-in level, in which case 1% loss per 1%
	decline of worse performing index
Call:	At par if each index closes at or above its initial level on any review date
Initial levels:	2,726.80 for S&P and 1,574.533 for Russell
Barrier levels:	1,908.76 for S&P and 1,102.173 for Russell; 70% of initial levels
Pricing date:	March 7
Settlement date:	March 12
Agent:	Credit Suisse Securities (USA) LLC
Fees:	0.5%
Cusip:	22550WHT7



New Issue: Credit Suisse sells \$800,000 contingent coupon autocallable yield notes on Broadcom

By Wendy Van Sickle

Columbus, Ohio, March 21 - Credit Suisse AG, London Branch priced \$800,000 of contingent coupon autocallable yield notes due April 3, 2019 linked to the ordinary shares of Broadcom Ltd., according to a 424B2 filing with the Securities and Exchange Commission.

Each quarter the notes will pay a

contingent coupon at an annual rate of 10% if the shares close below the 64.75% knock-in the stock closes at or above the coupon barrier, 64.75% of the initial level, for that quarter.

The notes will be called at par plus the contingent coupon if stock closes at or above its initial price on a quarterly trigger observation date.

The payout at maturity will be par unless

level, in which case investors will receive a number of Broadcom shares equal to \$1,000 divided by the initial share price or, at the issuer's option, the cash equivalent.

J.P. Morgan is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying stock:	Broadcom Ltd.
Amount:	\$800,000
Maturity:	April 3, 2019
Contingent payment:	10% per year, payable quarterly if stock closes at or above coupon barrier level on observation
	date for that quarter
Price:	Par
Payout at maturity:	Par unless stock falls below knock-in level, in which case a number of Broadcom shares equal
	to \$1,000 divided by the initial share price
Call:	Automatically at par plus contingent payment if stock closes at or above trigger level on a
	quarterly trigger observation date
Initial price:	\$254.87
Coupon barrier/knock-in level:	\$165.03, 64.75% of initial level
Pricing date:	March 16
Settlement date:	March 21
Agent:	J.P. Morgan
Fees:	1%
Cusip:	22550WL88

New Issue: Credit Suisse sells \$877,000 contingent coupon autocallable yield notes on S&P, Russell

By Wendy Van Sickle

Columbus, Ohio, March 21 – **Credit Suisse AG, London Branch** priced \$877,000 of contingent coupon autocallable yield notes due Sept. 23, 2019 linked to the lesser performing of the **S&P 500 index** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes will pay a quarterly coupon at an annualized rate of 7.25% if each index closes at or above its barrier level, 75% of its initial level, on a related observation date.

The notes will be called at par if each index closes above its initial level on June 18, Sept. 18, 2018, Dec. 18, 2018, March 18, 2019 or June 18, 2019.

The payout at maturity will be par unless

either index finishes below its initial level and either index closes below its 75% knock-in level during the life of the notes, in which case investors will be fully exposed to any losses of the lesser-performing index.

Credit Suisse Securities (USA) LLC is the agent.

Issuer:	Credit Suisse AG, London Branch
Issue:	Contingent coupon autocallable yield notes
Underlying indexes:	S&P 500 and Russell 2000
Amount:	\$877,000
Maturity:	Sept. 23, 2019
Coupon:	7.25% per year, payable quarterly if each index closes at or above its barrier level on
	observation date
Price:	Par
Payout at maturity:	Par unless either index finishes below its initial level and either closes below its knock-in level
	during life of notes, in which case full exposure to any losses of the lesser-performing index
Call:	At par if each index closes above initial level on June 18, Sept. 18, 2018, Dec. 18, 2018, March
	18, 2019 or June 18, 2019
Initial index levels:	1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Barriers/knock-in levels:	1,189.536 for Russell 2000 and 2,064.0075 for S&P 500; 75% of initial levels
Pricing date:	March 16
Settlement date:	March 21
Agent:	Credit Suisse Securities (USA) LLC
Fees:	2.65%
Cusip:	22550WFQ5



New Issue: Goldman sells \$1.08 million 7.55% contingent coupon callables on indexes

By Susanna Moon

priced \$1.08 million of callable contingent coupon notes due March 9, 2023 linked to the barrier on the observation date for that lesser performing of the Russell 2000 index, the S&P 500 index and the Euro Stoxx 50 index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent monthly Chicago, March 21 – GS Finance Corp. coupon at an annual rate of 7.55% if each index closes at or above its 60% coupon month.

The notes are callable at par on any

The payout at maturity will be par unless

interest payment date after one year.

any index closes below its 60% downside threshold, in which case investors will be fully exposed to any losses of the worst performing index.

The guarantor is Goldman Sachs Group, Inc.

Goldman Sachs & Co. LLC is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Callable contingent coupon notes
Underlying indexes:	Russell 2000, S&P 500 and Euro Stoxx 50
Amount:	\$1,077,000
Maturity:	March 9, 2023
Coupon:	7.55% annualized, payable monthly if each index closes at or above 60% coupon barrier on
	review date for that month
Price:	Par
Payout at maturity:	If each index finishes at or above 60% downside threshold, par; otherwise, 1% loss for each 1%
	decline of worst performing index
Call option:	At par on any interest payment date from March 2019 through December 2022
Initial levels:	1,546.048 for Russell, 2,720.94 for S&P and 3,355.32 for Stoxx
Trigger levels:	60% of initial levels
Pricing date:	March 5
Settlement date:	March 8
Agent:	Goldman Sachs & Co. LLC
Fees:	1.05%
Cusip:	40055AQC4



New Issue: GS Finance prices \$1.05 million 0% autocallable notes on S&P 500

New York, March 21 – **GS Finance Corp.** priced \$1.05 million of 0% autocallable notes due March 27, 2019 linked to the **S&P 500 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be guaranteed by **Goldman Sachs Group, Inc.**

The notes will be automatically called at initial level.

par plus 3% if the index closes at or above its initial level on June 21, 2018, at par plus 6% if the index closes at or above its initial level on Sept. 20, 2018 and at par plus 9% if the index closes at or above its initial level on Dec. 20, 2018.

The payout at maturity will be par plus 12% if the index finishes at or above its initial level.

If the index declines but by no more than 10% the payout will be par. For losses of greater than 10% the notes will pay par less an amount proportional to the decline in the index from its initial level.

Goldman Sachs & Co. LLC is the underwriter.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable index-linked securities
Underlying index	S&P 500 index
Amount:	\$1,045,000
Maturity:	March 27, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If index finishes at or above its initial level the payout will be par plus 12%, if index declines
	by up to 10% the payout will be par, full exposure to losses for declines of greater than 10%
Call:	At par plus 3% if index closes at or above initial level on June 21, 2018, at par plus 6% if index
	closes at or above initial level on Sept. 20, 2018, at par plus 9% if index closes at or above
	initial level on Dec. 20, 2018
Initial level:	2,786.57
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman Sachs & Co. LLC
Fees:	1.1%
Cusip:	40055AS81



New Issue: GS Finance prices \$1.21 million buffered digital notes on SPDR S&P Bank

By Marisa Wong

Morgantown, W.Va., March 21-GS Finance Corp. priced \$1.21 million of 0% buffered digital notes due April 17, 2019 linked to the SPDR S&P Bank exchange-traded fund, according to a 424B2 filing with the Securities and

Exchange Commission.

The notes are guaranteed by Goldman Sachs Group, Inc.

payout at maturity will be the maximum settlement amount of \$1,114.30 per \$1,000 principal amount of notes.

If the index return is negative but not below negative 10%, the payout will be par. If the index return is below negative 10%, If the index return is zero or positive, the investors will lose 1.1111% for every 1% that the index declines beyond 10%.

Goldman Sachs & Co. LLC is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Buffered digital notes
Underlying ETF:	SPDR S&P Bank ETF
Amount:	\$1.21 million
Maturity:	April 17, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If the index return is zero or positive, par plus 11.43%; par if index falls by up to 10%;
	1.1111% loss for every 1% decline beyond 10%
Initial price:	\$50.59
Pricing date:	March 15
Settlement date:	March 22
Agent:	Goldman Sachs & Co. LLC
Fees:	0.85%
Cusip:	40055ASN8



New Issue: GS Finance prices \$1.22 million leveraged buffered notes on Stoxx 50

By Sarah Lizee

Olympia, Wash., March 21 – **GS Finance Corp.** priced \$1.22 million of 0% leveraged buffered index-linked notes due July 17, 2019 tied to the **Euro Stoxx 50 index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes are guaranteed by **Goldman** Sachs Group, Inc.

If the index return is positive, the payout at maturity will be par plus 200% of the index return, up to the maximum payout of \$1,440 for each \$1,000 of notes. Investors will receive par if the index falls by up to 10% and lose 1.1111% for every 1% decline in the index beyond 10%.

Goldman, Sachs & Co. is the underwriter and JPMorgan is the placement agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Leveraged buffered index-linked notes
Underlying index:	Euro Stoxx 50
Amount:	\$1.22 million
Maturity:	July 17, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If index return is positive, par plus 200% of index return, capped at \$1,440 for each \$1,000 of
	notes; par if index falls by up to 10%; 1.1111% loss for every 1% decline in index beyond 10%
Initial index level:	3,420.54
Final index level: Average of	
closing levels for five trading	
days ending on July 12, 2019	
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman Sachs & Co. with JPMorgan as placement agent
Fees:	1.26%
Cusip:	40055AS99



New Issue: GS Finance prices \$2.87 million leveraged trigger notes on Euro Stoxx

New York, March 21 - GS Finance **Corp.** priced \$2.87 million of 0% leveraged trigger notes due Sept. 11, 2019 linked to the Euro Stoxx 50 index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by Goldman

Sachs Group, Inc.

If the final index level is greater than or equal to 75% of the initial index level, the payout at maturity will be par plus the greater underwriter with JPMorgan as placement of 1.69 times the index return and zero.

If the final index level is less than 75% of the initial index level, investors will lose

1% for every 1% that the final index level is less than the initial index level.

Goldman Sachs & Co. LLC is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Leveraged trigger notes
Jnderlying index:	Euro Stoxx 50
Amount:	\$2,872,000
Aaturity:	Sept. 11, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If index finishes at or above trigger level, par plus greater of zero and 169% of index return;
	otherwise, par plus index return, with exposure to losses
nitial index level:	3,420.54
inal level:	Average of closing levels on five trading days ending Sept. 6, 2019
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman, Sachs & Co. LLC with JPMorgan as placement agent
Fees:	1.35%
Cusip:	40055ASA6



New Issue: GS Finance prices \$3.30 million leveraged buffered notes on MSCI EAFE

By Marisa Wong

Morgantown, W.Va., March 21 – **GS Finance Corp.** priced \$3,301,000 of 0% leveraged buffered index-linked notes due April 18, 2019 tied to the **MSCI EAFE index**, according to a 424B2 filing with the Securities and Exchange Commission. The notes are guaranteed by **Goldman** Sachs Group, Inc.

If the index return is positive, the payout at maturity will be par plus 150% of the index return, subject to a maximum payment of \$1,144 per \$1,000 principal amount. Investors will receive par if the index falls by

up to 10% and lose 1.1111% for every 1% decline in the index beyond 10%. Goldman, Sachs & Co. is the underwriter.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Leveraged buffered index-linked notes
Underlying index:	MSCI EAFE
Amount:	\$3,301,000
Maturity:	April 18, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If index return is positive, par plus 150% of index return, subject to maximum payment of
	\$1,144 per \$1,000 principal amount; par if index falls by up to 10%; 1.1111% loss for every
	1% decline in index beyond 10%
Initial index level:	2,047.89
Pricing date:	March 15
Settlement date:	March 20
Underwriter:	Goldman, Sachs & Co.
Fees:	0.6%
Cusip:	40055ASW8



New Issue: GS Finance prices \$4.41 million autocallable index-linked notes on FTSE 100, Russell 2000

By Wendy Van Sickle

Columbus, Ohio, March 21 – **GS Finance Corp.** priced \$4.41 million of 0% autocallable index-linked notes due March 27, 2023 tied to the **Russell 2000 index** and the **FTSE 100 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be called at par plus a

10% annualized premium if both indexes close at or above their initial index levels on any quarterly call observation date after six months.

If the notes are not called, the payout at maturity will be par plus 50% if each index closes at or above its initial level.

If either index falls by up to 50%, the payout at maturity will be par.

If either index falls by more than 50%, investors will be exposed to any losses of the worse-performing index.

The notes are guaranteed by **Goldman** Sachs Group, Inc.

Goldman Sachs & Co. is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable index-linked notes
Underlying indexes:	Russell 2000, FTSE 100
Amount:	\$4,405,000
Maturity:	March 27, 2023
Coupon:	0%
Price:	Par
Payout at maturity:	If each index finishes at or above initial level, par plus 50%; if either index falls by up to 50%,
	par; if either index falls by more than 50%, par plus return of worst-performing index, with full
	exposure to losses
Call:	At par plus 10% annualized if both indexes close at or above their initial levels on any quarterly
	call observation date after six months
Initial index levels:	1,570.562 for Russell 2000 and 7,042.93 for FTSE 100
Pricing date:	March 19
Settlement date:	March 22
Agent:	Goldman Sachs & Co.
Fees:	3.7%
Cusip:	40055ASX6



New Issue: GS Finance prices \$4.68 million autocallable index-linked notes on S&P 500, Russell 2000

By Wendy Van Sickle

Columbus, Ohio, March 21 – **GS Finance Corp.** priced \$4.68 million of 0% autocallable index-linked notes due March 23, 2023 tied to the **Russell 2000 index** and the **S&P 500 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be called at par plus a 8%

annualized premium if both indexes close at or above their initial index levels on any quarterly call observation date after six months.

If the notes are not called, the payout at maturity will be par plus 40% if each index closes at or above its initial level.

If either index falls by up to 40%, the payout at maturity will be par.

If either index falls by more than 40%, investors will be exposed to any losses of the worse-performing index.

The notes are guaranteed by **Goldman** Sachs Group, Inc.

Goldman Sachs & Co. is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable index-linked notes
Underlying indexes:	Russell 2000, S&P 500
Amount:	\$4,675,000
Maturity:	March 23, 2023
Coupon:	0%
Price:	Par
Payout at maturity:	If each index finishes at or above initial level, par plus 40%; if either index falls by up to 40%,
	par; if either index falls by more than 40%, par plus return of worst-performing index, with full
	exposure to losses
Call:	At par plus 8% annualized if both indexes close at or above their initial levels on any quarterly
	call observation date after six months
Initial index levels:	1,586.048 for Russell 2000 and 2,752.01 for S&P 500
Pricing date:	March 16
Settlement date:	March 21
Agent:	Goldman Sachs & Co.
Fees:	4.725%
Cusip:	40055ASG3



New Issue: GS Finance prices \$655,000 trigger notes linked to S&P 500 index

New York, March 21 – **GS Finance Corp.** priced \$655,000 of 0% trigger notes due March 27, 2019 linked to the **S&P 500 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be guaranteed by Goldman Sachs Group, Inc.

If the final index level is greater than or equal to 80% of the initial index level, the payout at maturity will be par plus the greater of zero and the index return, capped at a maximum payout of par plus 12%.

If the final index level is less than 80% of the initial index level, investors will lose

1% for every 1% that the final index level is less than the initial index level.

Goldman, Sachs & Co. is the underwriter and JPMorgan is the placement agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Trigger notes
Underlying index:	S&P 500
Amount:	\$655,000
Maturity:	March 27, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If the final index level is greater than or equal to 80% of the initial index level, par plus the
	greater of zero and the index return, capped at par plus 12%; otherwise, investors will lose 1%
	for every 1% that the final index level is less than the initial index level
Initial index level:	2,786.57
Final level:	Average of closing levels on five averaging dates ending March 22, 2019
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman, Sachs & Co. with JPMorgan as placement agent
Fees:	1.1%
Cusip:	40055ASB4



New Issue: GS Finance prices \$935,000 of 0% autocallable notes on Russell, Stoxx

New York, March 21 – **GS Finance Corp.** priced \$935,000 of 0% autocallable notes due March 16, 2023 linked to the **Euro Stoxx 50 index** and the **Russell 2000 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will be guaranteed by

Goldman Sachs Group, Inc.

The notes will be automatically called at

par plus 14% per year if both indexes closes at or above their initial levels on the annual observation dates.

The payout at maturity will be par plus 1.5 times the return on the lesser performing index if both indexes gain.

If either index declines but both indexes finish at 50% or more of their initial level then the payout at maturity will be par. If either index declines by more than 50% then the notes will pay par less an amount proportional to the decline in the lesser performing index from its initial level.

Goldman Sachs & Co. LLC is the underwriter.

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Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable index-linked notes
Underlying index:	Euro Stoxx 50 index and the Russell 2000 index
Amount:	\$935,000
Maturity:	March 16, 2023
Coupon:	0%
Price:	Par
Payout at maturity:	If both indexes gain, par plus 1.5 times return on lesser performing index, if either index
	declines but both finish at 50% or more of their initial level payout will be par, if either index
	declines by more than 50% then exposure to losses of lesser performing index
Call:	Automatically at par plus 14% if both indexes closes at or above their initial levels on annual
	observation dates
Initial level:	3,420.54 for Stoxx, 1,597.142 for Russell
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman Sachs & Co. LLC
Fees:	0.85%
Cusip:	40055ASF5



New Issue: GS Finance sells \$2.05 million leveraged buffered notes on iShares EM

New York, March 21 – **GS Finance Corp.** priced \$2.05 million of 0% leveraged buffered ETF-linked notes due April 12, 2019 tied to the **iShares MSCI Emerging Markets exchange-traded fund**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **Goldman** Sachs Group, Inc.

If the ETF return is positive, the payout at maturity will be par plus 150% of the ETF return, capped at par plus 12.75%.

Investors will receive par if the ETF falls by up to 15% and lose 1% for every 1% decline in the ETF beyond 15%. Goldman, Sachs & Co. is the underwriter.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Leveraged buffered notes
Underlying ETF:	iShares MSCI Emerging Markets ETF
Amount:	\$2,050,000
Maturity:	April 12, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If ETF return is positive, par plus 150% of ETF return, capped at par plus 12.75%; par if ETF
-	falls by up to 15%; 1% loss for every 1% decline in ETF beyond 15%
Initial price:	\$49.75
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman, Sachs & Co.
Fees:	0.7%
Cusip:	40055ARY5



New Issue: GS Finance sells \$2.75 million contingent coupon autocallables on iShares EM, Stoxx

New York, March 21 – **GS Finance Corp.** priced \$2.75 million of autocallable contingent coupon notes due Sept. 16, 2025 linked to the **iShares MSCI Emerging Markets exchange-traded fund** and the **Euro Stoxx 50 index**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by Goldman

Sachs Group, Inc.

Each month, the notes pay a contingent coupon at an annual rate of 7% if each underlier closes at or above 80% of its initial level on the related observation date.

After one year, the notes will be automatically called at par if each underlier closes above its initial level on any monthly coupon observation date. The payout at maturity will be par plus the final coupon, unless either underlier closes below its 80% buffer level, in which case investors will be fully exposed to the decline of the lesser-performing underlier beyond 20%.

Goldman Sachs & Co. is the underwriter.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable contingent coupon notes
Underlying assets:	iShares MSCI Emerging Markets ETF and Euro Stoxx 50 index
Amount:	\$2,753,000
Maturity:	Sept. 16, 2025
Coupon:	7%, payable each month that each underlier closes at or above 80% of initial level on related
	observation date
Price:	Par
Payout at maturity:	Par plus final coupon, unless either underlier closes below 80% buffer level, in which case
	exposure to loss of lesser-performing underlier beyond 20%
Call:	After one year at par if each underlier closes above initial level on any coupon observation date
Initial levels:	\$49.75 for EM ETF and 3,420.54 for Stoxx
Coupon trigger levels:	\$39.80 for EM ETF, 2,736.432 for Stoxx, 80% of initial levels
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman Sachs & Co.
Fees:	4.9%
Cusip:	40055APK7



New Issue: GS Finance sells \$650,000 autocallables on Motif National Defense

New York, March 21 – GS Finance Corp. priced \$650,000 of 0% autocallable notes due March 11, 2025 linked to the **Motif** observation date, the notes will be Capital National Defense 7 ER index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by Goldman Sachs Group, Inc.

If the index closes at or above the applicable call level on any annual call automatically called at par plus a call return of 10% per year. The call level will be 104.25% of the initial level for the first call observation date on March 11, 2019 and steps up by 425 basis points each year to a

call level of 125.5% of the initial level for the final call observation date on March 11, 2024.

The payout at maturity will be par plus any index gain. If the index falls, the payout will be par.

Goldman Sachs & Co. is the agent.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Autocallable notes
Underlying index:	Motif Capital National Defense 7 ER index
Amount:	\$650,000
Maturity:	March 11, 2025
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus any index gain; if the index falls, par
Call:	Automatically at par plus a call return of 10% per year if the index closes at or above the
	applicable call level on any annual call observation date; call level will be 104.25% of the
	initial level for the first call observation date on March 11, 2019 and steps up by 425 bps each
	year to a call level of 125.5% of the initial level for the final call observation date on March 11,
	2024
Initial level:	137.54
Pricing date:	March 9
Settlement date:	March 14
Agent:	Goldman Sachs & Co.
Fees:	5.15%
Cusip:	40055AQZ3



New Issue: GS Finance sells \$714,000 callable contingent coupon notes on Russell 2000, Stoxx 50

New York, March 21 – GS Finance **Corp.** priced \$714,000 of callable contingent coupon at an annual rate of 7.6% if each coupon notes due March 14, 2023 linked to the Euro Stoxx 50 index and the Russell 2000 index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by Goldman Sachs Group, Inc.

The notes pay a quarterly contingent index closes at or above 60% of its initial level on the related observation date.

Goldman may call the notes at par on any coupon payment date after one year.

The payout at maturity will be par plus the final coupon, unless either index declines by more than 40%, in which case investors will lose 1% for every 1% that the lesser-performing index declines from its initial level.

Goldman Sachs & Co. is the underwriter.

Issuer:	GS Finance Corp.
Guarantor:	Goldman Sachs Group, Inc.
Issue:	Callable contingent coupon notes
Underlying indexes:	Russell 2000 and Euro Stoxx 50
Amount:	\$714,000
Maturity:	March 14, 2023
Coupon:	7.6%, payable each six months that each index closes at or above 60% of initial level on related
	observation date
Price:	Par
Payout at maturity:	Par plus final coupon, if any, unless either index declines by more than 40%, in which case 1%
	loss for every 1% that lesser-performing index declines from initial level
Call option:	At par on any coupon payment date after one year
Initial index levels:	3,420.54 for Stoxx, 1,597.142 for Russell
Pricing date:	March 9
Settlement date:	March 14
Underwriter:	Goldman Sachs & Co.
Fees:	0.85%
Cusip:	40055ASE8



New Issue: HSBC prices \$36.33 million market-linked step-up autocallables on Euro Stoxx 50

By Marisa Wong

USA Inc. priced \$36.33 million of 0% autocallable market-linked step-up notes due March 25, 2021 linked to the Euro Stoxx 50 index, according to a 424B2 filing with the Securities and Exchange Commission.

If the index closes at or above its initial Morgantown, W.Va., March 21 - HSBC level on an annual observation date, the notes will be called at par plus a premium of 16.6% a year.

> If the index finishes above the step-up level - 130% of the initial level - the payout at maturity will be par of \$10 plus the index

gain.

If the index gains by up to the step-up level, the payout will be par plus the step-up payment of 30%.

Investors will be exposed to any losses. BofA Merrill Lynch is the agent.

Issuer:	HSBC USA Inc.
Issue:	Autocallable market-linked step-up notes
Underlying index:	Euro Stoxx 50
Amount:	\$36,326,590
Maturity:	March 25, 2021
Coupon:	0%
Price:	Par of \$10
Call:	At par plus 16.6% a year premium if index closes at or above initial level on an annual
	observation date
Payout at maturity:	If the index finishes above the step-up level, par plus the index gain; if the index gains up to the
	step-up level, par plus 30%; exposure to any losses
Initial level:	3,414.13
Step-up value:	4,438.37, 130% of initial level
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	BofA Merrill Lynch
Fees:	2%
Cusip:	40435M847



New Issue: JPMorgan sells \$1 million digital dual directional notes on Signet

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC priced \$1 million of 0% digital dual directional contingent buffered notes due April 3, 2019 linked to the common stock of **Signet Jewelers Ltd.**, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **JPMorgan Chase & Co.** If the stock gains, finishes flat or falls by up to 47.5%, the payout at maturity will be par plus 10%. Otherwise, investors will have one-to-one exposure to the stock's decline from its initial price.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Digital dual directional contingent buffered notes
Underlying stock:	Signet Jewelers Ltd. (Symbol: SIG)
Amount:	\$1 million
Maturity:	April 3, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If the stock gains, finishes flat or falls by up to 47.5%, par plus 10%; otherwise, one-to-one
	exposure to the stock's decline from its initial price
Initial price:	\$37.55
Final price:	Average of closing share prices on five trading days ending March 29, 2019
Pricing date:	March 15
Settlement date:	March 20
Agent:	J.P. Morgan Securities LLC
Fees:	1%
Cusip:	48129MEK8



New Issue: JPMorgan sells \$1.72 million 9% contingent interest callables on Amazon

By Susanna Moon

Chicago, March 21 – **JPMorgan Chase Financial Co. LLC** priced \$1.72 million of callable contingent interest notes due June 10, 2019 linked to **Amazon.com, Inc.** stock, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly

coupon at an annual rate of 9% if the stock closes at or above its 65% coupon barrier on the review date for that quarter.

The notes will be called at par plus the contingent coupon if the stock closes at or above its initial level on any review date other than the first and final dates.

The payout at maturity will be par unless

the stock finishes below its initial level and ever closes below its 65% trigger level during the life of the notes, in which case investors will be fully exposed to any losses.

The notes are guaranteed by **JPMorgan** Chase & Co.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Callable contingent interest notes
Underlying assets:	Amazon.com, Inc. (Symbol: AMZN)
Amount:	\$1,716,000
Maturity:	June 10, 2019
Coupon:	9% annualized, payable quarterly if stock closes at or above 65% coupon barrier on review date
	for that quarter
Price:	Par
Payout at maturity:	Par plus contingent coupon unless stock finishes below initial level and ever closes below
	trigger, in which case 1% loss for each 1% decline
Call:	At par plus contingent coupon if each stock closes at or above initial level on any quarterly
	review date other than first and final dates
Initial level:	\$1,523.61
Trigger level:	\$990.3465, 65% of initial level
Pricing date:	March 5
Settlement date:	March 8
Agent:	J.P. Morgan Securities LLC
Fees:	1.5%
Cusip:	48129HU70

New Issue: JPMorgan sells \$2.36 million 5.5% contingent interest autocalls tied to two indexes

By Susanna Moon

Chicago, March 21 - JPMorgan Chase Financial Co. LLC priced \$2.36 million of autocallable contingent interest notes due Sept. 17, 2019 linked to the least performing of the S&P 500 index and the Russell 2000 index, according to a 424B2 filing with the Securities and Exchange Commission.

coupon at an annual rate of 5.5% if each index closes at or above its 70% coupon barrier on the review date for that quarter.

The notes will be called at par plus the contingent coupon if each index closes at or above its initial level on any review date other than the first and final dates.

The payout at maturity will be par unless The notes will pay a contingent quarterly either index finishes below its initial level

and ever closes below its 70% trigger level during the life of the notes, in which case investors will be fully exposed to any losses of the worse performing index.

The notes are guaranteed by JPMorgan Chase & Co.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Autocallable contingent interest notes
Underlying indexes:	Russell 2000, S&P 500
Amount:	\$2,357,000
Maturity:	Sept. 17, 2019
Coupon:	5.5% annualized, payable quarterly if each index closes at or above 70% coupon barrier on
	review date for that quarter
Price:	Par
Payout at maturity:	Par unless either index finishes below initial level and ever closes below 70% trigger, in which
	case 1% loss for each 1% decline of worse performing index
Call:	At par plus contingent coupon if each index closes at or above initial level on any quarterly
	review date other than first and final dates
Initial levels:	1,601.056 for Russell, 2,783.02 for S&P
Trigger levels:	1,120.7392 for Russell, 1,948.114 for S&P, 70% of initial levels
Pricing date:	March 12
Settlement date:	March 15
Agent:	J.P. Morgan Securities LLC
Fees:	2.09684%
Cusip:	48129MAB2
Cusip.	T012/MAD2

New Issue: JPMorgan sells \$2.94 million 7.5% contingent interest autocalls tied to three indexes

By Susanna Moon

Chicago, March 21 - JPMorgan Chase Financial Co. LLC priced \$2.94 million of autocallable contingent interest notes due June 17, 2019 linked to the least performing of the S&P 500 index, the Russell 2000 index and the Euro Stoxx 50 index, according to a 424B2 filing with the Securities and Exchange Commission.

coupon at an annual rate of 7.5% if each index closes at or above its 70% coupon barrier on the review date for that quarter.

The notes will be called at par plus the contingent coupon if each index closes at or above its initial level on any review date other than the first and final dates.

The payout at maturity will be par unless

The notes will pay a contingent quarterly any index finishes below its initial level and ever closes below its 70% trigger level during the life of the notes, in which case investors will be fully exposed to any losses of the worst performing index.

> The notes are guaranteed by JPMorgan Chase & Co.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Autocallable contingent interest notes
Underlying indexes:	Russell 2000, S&P 500 and Euro Stoxx 50
Amount:	\$2,938,000
Maturity:	June 17, 2019
Coupon:	7.5% annualized, payable quarterly if each index closes at or above 70% coupon barrier on
	review date for that quarter
Price:	Par
Payout at maturity:	Par unless any index finishes below initial level and ever closes below 70% trigger, in which
	case 1% loss for each 1% decline of worst performing index
Call:	At par plus contingent coupon if each index closes at or above initial level on any quarterly
	review date other than first and final dates
Initial levels:	1,601.056 for Russell, 2,783.02 for S&P and 3,429.48 for Stoxx
Trigger levels:	1,120.7392 for Russell, 1,948.114 for S&P and 2,400.636 for Stoxx, 70% of initial levels
Pricing date:	March 12
Settlement date:	March 15
Agent:	J.P. Morgan Securities LLC
Fees:	2.10203%
Cusip:	48129MAA4



New Issue: JPMorgan sells \$3 million capped buffered enhanced notes on S&P 500

By Marisa Wong

Morgantown, W.Va., March 21 -JPMorgan Chase Financial Co. LLC priced \$3 million of 0% capped buffered enhanced participation equity notes due April at maturity will be par plus 1.5 times the 1, 2020 linked to the S&P 500 index, according to a 424B2 filing with the

Securities and Exchange Commission. The notes are guaranteed by **JPMorgan** Chase & Co.

If the index return is positive, the payout index gain, subject to a maximum payout of \$1,200.10 per \$1,000 of notes. Investors will

receive par if the index falls by 10% or less and will lose 1.1111% for each 1% that it declines beyond 10%.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Capped buffered enhanced participation equity notes
Underlying index:	S&P 500
Amount:	\$3 million
Maturity:	April 1, 2020
Price:	Par
Payout at maturity:	Par plus 1.5 times any index gain, capped at par plus 20.01%; par if index falls by up to 10%;
	1.1111% loss for each 1% index decline beyond 10%
Initial level:	2,747.33
Pricing date:	March 15
Settlement date:	March 22
Agent:	J.P. Morgan Securities LLC
Fees:	2%
Cusip:	48129MDC7



New Issue: JPMorgan sells \$4.43 million capped buffered notes linked to MSCI EAFE

By Marisa Wong

Morgantown, W.Va., March 21 – JPMorgan Chase Financial Co. LLC priced \$4.43 million of 0% capped buffered enhanced participation equity notes due Jan. 17, 2020 linked to the MSCI EAFE index, according to a 424B2 filing with the Securities and Exchange Commission.

The notes are guaranteed by **JPMorgan** Chase & Co.

If the index return is positive, the payout at maturity will be par plus 1.6 times the index gain, subject to a maximum payout of \$1,274.40 per \$1,000 of notes. Investors will receive par if the index falls by 12.5% or less and will lose 1.1429% for each 1% that it declines beyond 12.5%.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Capped buffered enhanced participation equity notes
Underlying index:	MSCI EAFE
Amount:	\$4.43 million
Maturity:	Jan. 17, 2020
Price:	Par
Payout at maturity:	Par plus 1.6 times any index gain, capped at par plus 27.44%; par if index falls by up to 12.5%;
	1.1429% loss for each 1% index decline beyond 12.5%
Initial level:	2,047.89
Pricing date:	March 15
Settlement date:	March 22
Agent:	J.P. Morgan Securities LLC
Fees:	None
Cusip:	48129MDN3



New Issue: JPMorgan sells \$705,000 of 9.2% contingent interest autocallables on GM

By Susanna Moon

Chicago, March 21 – **JPMorgan Chase Financial Co. LLC** priced \$705,000 of autocallable contingent interest notes due March 17, 2020 linked to **General Motors Co.** stock, according to a 424B2 filing with the Securities and Exchange Commission.

The notes will pay a contingent quarterly

coupon at an annual rate of 9.2% if the stock closes at or above its 70% coupon barrier on the review date for that quarter.

The notes will be called at par plus the contingent coupon if the stock closes at or above its initial level on any review date other than the first and final dates.

The payout at maturity will be par unless

the stock finishes below its 70% trigger level, in which case investors will be fully exposed to any losses.

The notes are guaranteed by **JPMorgan** Chase & Co.

Issuer:	JPMorgan Chase Financial Co. LLC
Guarantor:	JPMorgan Chase & Co.
Issue:	Autocallable contingent interest notes
Underlying assets:	General Motors Co. (Symbol: GM)
Amount:	\$705,000
Maturity:	March 17, 2020
Coupon:	9.2% annualized, payable quarterly if stock closes at or above 70% coupon barrier on review
	date for that quarter
Price:	Par
Payout at maturity:	Par plus contingent coupon unless stock finishes below trigger, in which case 1% loss for each
	1% decline
Call:	At par plus contingent coupon if each stock closes at or above initial level on any quarterly
	review date other than first and final dates
initial level:	\$37.83
Frigger level:	\$26.481, 70% of initial level
Pricing date:	March 12
Settlement date:	March 15
Agent:	J.P. Morgan Securities LLC
Fees:	2.35%
Cusip:	48129MDL7

New Issue: Morgan Stanley prices \$2.5 million fixed-to-floaters tied to CPI

By Sarah Lizee

Olympia, Wash., March 21 – **Morgan Stanley** priced \$2.5 million of fixed-to-floating notes due March 22, 2028 linked to the **Consumer Price Index**, according to an 424B2 filing with the Securities and Exchange Commission. The interest rate will be 3.5% until March 22, 2019. After that, the interest rate will be equal to the year-over-year change in the index plus a spread of 100 basis points. Interest will be payable monthly and cannot

be less than zero.

The payout at maturity will be par. Morgan Stanley & Co. LLC is the agent.

Issuer:	Morgan Stanley
Issue:	Fixed-to-floating notes
Underlying index:	Consumer Price Index
Amount:	\$2.5 million (may be increased prior to settlement date)
Maturity:	March 22, 2028
Coupon:	3.5% initially; beginning March 22, 2019, equal to the year-over-year change in the index plus
	100 bps, subject to a 0% floor; payable monthly
Price:	Par
Payout at maturity:	Par
Pricing date:	March 19
Settlement date:	March 22
Agent:	Morgan Stanley & Co. LLC
Fees:	1.75%
Cusip:	61760QKZ6

New Issue: Morgan Stanley sells \$1.02 million buffered PLUS tied to S&P 500

By Susanna Moon

Chicago, March 21 – **Morgan Stanley Finance LLC** priced \$1.02 million of 0% buffered Performance Leveraged Upside Securities due Sept. 4, 2020 linked to the **S&P 500 index**, according to a 424B2 with the Securities and Exchange Commission.

If the index finishes above its initial level, the payout at maturity will be par plus 200% of the return, up to a 24.4% maximum return.

Investors will receive par if the index

falls by up to 15% and will lose 1% for each 1% decline beyond the buffer.

The notes are guaranteed by **Morgan Stanley**.

Morgan Stanley & Co. LLC is the agent.

Issuer:	Morgan Stanley Finance LLC
Guarantor:	Morgan Stanley
Issue:	Buffered Performance Leveraged Upside Securities
Underlying index:	S&P 500
Amount:	\$1,895,000
Maturity:	Sept. 4, 2020
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 200% of any index gain, capped at 24.4%; if index falls by up 15%, par; otherwise,
	1% loss per 1% decline beyond 15%
Initial level:	2,728.12
Pricing date:	March 6
Settlement date:	March 9
Agent:	Morgan Stanley & Co. LLC
Fees:	0.6%
Cusip:	61768CK89





New Issue: RBC prices \$1.01 million buffered digital notes linked to oil & gas ETF

By Marisa Wong

Morgantown, W.Va., March 21 – **Royal Bank of Canada** priced \$1.01 million of 0% buffered digital notes due April 17, 2019 linked to the **SPDR S&P Oil & Gas Exploration & Production** **exchange-traded fund**, according to a 424B2 filing with the Securities and Exchange Commission.

If the ETF return is greater than or equal to zero, the payout at maturity will be par plus 16.68%. If the ETF falls by up to 10%,

the payout will be par. Otherwise, investors will lose 1.1111% for every 1% that the ETF declines beyond 10%.

RBC Capital Markets, LLC is the underwriter.

Issuer:	Royal Bank of Canada
Issue:	Buffered digital notes
Underlying ETF:	SPDR S&P Oil & Gas Exploration & Production ETF
Amount:	\$1.01 million
Maturity:	April 17, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	If ETF return is greater than or equal to zero, par plus 16.68%; if ETF falls by up to 10%, par;
	otherwise, 1.1111% loss for every 1% that ETF declines beyond 10%
Initial share price:	\$34.06
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	RBC Capital Markets, LLC
Fees:	1%
Cusip:	78013XHF8

New Issue: RBC prices \$5.01 million trigger autocallable contingent yield notes on Micron

New York, March 21 – **Royal Bank of Canada** priced \$5.01 million of trigger autocallable contingent yield notes due March 12, 2020 linked to the common stock of **Micron Technology, Inc.**, according to a 424B2 filing with the Securities and Exchange Commission.

Each quarter, the notes will pay a contingent coupon at an annual rate of

15.35% if the shares close at or above the coupon barrier, 60% of the initial share price, on the observation date for that quarter.

The notes will be automatically called at par of \$10 if the stock closes at or above the initial share price on any quarterly observation date.

If the notes are not called and the final share price is greater than or equal to the 60%

downside threshold, the payout at maturity will be par. Otherwise, investors will lose 1% for every 1% that the final share price is less than the initial share price.

UBS Financial Services Inc. and RBC Capital Markets, LLC are the agents.

Issuer:	Royal Bank of Canada
Issue:	Trigger autocallable contingent yield notes
Underlying stock:	International Business Machines Corp.
Amount:	\$5,012,000
Maturity:	March 12, 2020
Contingent coupon:	15.35%, payable quarterly if stock closes at or above coupon barrier on observation date for
	that quarter
Price:	Par of \$10
Payout at maturity:	Par unless stock finishes below downside threshold level, in which case 1% loss for each 1%
-	decline from initial price
Call:	Automatically at par if stock closes at or above initial price on any quarterly observation date
nitial price:	\$54.59
Coupon barrier:	\$32.75, 60% of initial price
Downside threshold:	\$32.75, 60% of initial price
Pricing date:	March 9
Settlement date:	March 14
Agents:	UBS Financial Services Inc. and RBC Capital Markets, LLC
Fees:	1.5%
Cusip:	78013Q590



New Issue: RBC sells \$3.15 million contingent income autocalls on Halliburton

New York, March 21 – **Royal Bank of Canada** priced \$3.15 million of contingent income autocallable securities due March 14, 2019 linked to the performance of **Halliburton Co.** stock, according to a 424B2 filing with the Securities and Exchange Commission.

coupon at an annual rate of 9.5% if the stock closes at or above its 75% downside threshold on the determination date that quarter.

The notes will be called at par if the stock closes at or above its initial level on any determination date other than the final The payout at maturity will be par unless the stock finishes below its 75% downside threshold, in which case investors will be fully exposed to any losses.

RBC Capital Markets, LLC is the agent with distribution through Morgan Stanley Wealth Management.

The notes will pay a contingent quarterly date.

Issuer:	Royal Bank of Canada
Issue:	Contingent income autocallable securities
Underlying stock:	Halliburton Co. (Symbol: HAL)
Amount:	\$3,153,980
Maturity:	March 14, 2019
Coupon:	9.5% annualized, payable quarterly if stock closes at or above 75% downside threshold on
	determination date for that quarter
Price:	Par
Payout at maturity:	If stock finishes at or above downside threshold, par; otherwise, 1% loss for each 1% decline
Call:	At par if stock closes at or above its initial level on any determination date other than the final
	date
Initial level:	\$46.99
Downside threshold:	\$35.24, 75% of initial level
Pricing date:	March 9
Settlement date:	March 14
Agent:	RBC Capital Markets, LLC with Morgan Stanley Wealth Management as distributor
Fees:	1.25%
Cusip:	78013Q558



New Issue: RBC sells \$4.42 million leveraged buffered notes tied to index basket

By Susanna Moon

Chicago, March 21 – **Royal Bank of Canada** priced \$4.42 million of 0% leveraged buffered notes due Sept. 11, 2019 linked to a basket of indexes, according to a 424B2 filing with the Securities and Exchange Commission.

The basket consists of the Euro Stoxx

50 index with a 37% weight, the **FTSE 100 index** with a 23% weight, the **Topix index** with a 23% weight, the **Swiss Market index** with a 9% weight and the **S&P/ASX 200 index** with an 8% weight.

The payout at maturity will be par plus 180% of any basket gain, up to a maximum settlement amount of \$1,301.50 for each

\$1,000 principal amount.

Investors will receive par if the basket falls by up to 15% and will lose 1.1765% for each 1% decline beyond 15%.

RBC Capital Markets, LLC is the agent.

Issuer:	Royal Bank of Canada
Issue:	Leveraged buffered notes
Underlying indexes:	Euro Stoxx 50 index (37% weight), FTSE 100 index (23% weight), Topix index (23% weight),
	Swiss Market index (9% weight) and S&P/ASX 200 index (8% weight)
Amount:	\$3,043,000
Maturity:	Sept. 11, 2019
Coupon:	0%
Price:	Par
Payout at maturity:	Par plus 180% any basket gain, capped at 30.15%; par if the basket falls by up to 15%;
	1.1765% loss for every 1% decline beyond 15%
Initial levels:	3,377.36 for Stoxx, 7,157.84 for FTSE, 1,703.96 for Topix, 8,784.84 for Swiss Market,
	5,901.988 for S&P/ASX
Pricing date:	March 7
Settlement date:	March 14
Agent:	RBC Capital Markets, LLC
Fees:	None
Cusip:	78013XHS0



New Issue: Scotiabank prices \$17.62 million market-linked step-up autocallables on Russell

By Marisa Wong

Morgantown, W.Va., March 21 - Bank of Nova Scotia priced \$17.62 million of 0% autocallable market-linked step-up notes due March 31, 2023 linked to the Russell 2000 index, according to a 424B2 filing with the Securities and Exchange Commission.

If the index closes at or above its initial

level on an annual observation date, the notes level, the payout will be par plus the step-up will be called at par plus a premium of 6.6% a year.

If the index finishes above the step-up level – 135% of the initial level – the payout at maturity will be par of \$10 plus the index gain.

If the index gains by up to the step-up

payment of 35%.

If the index falls by up to 15%, the payout will be par. Investors will be exposed to any losses beyond 15%.

BofA Merrill Lynch is the agent.

Issuer:	Bank of Nova Scotia
Issue:	Autocallable market-linked step-up notes
Underlying index:	Russell 2000
Amount:	\$17,616,820
Maturity:	March 31, 2023
Coupon:	0%
Price:	Par of \$10
Call:	At par plus 6.6% a year premium if index closes at or above initial level on an annual
	observation date
Payout at maturity:	If the index finishes above the step-up level, par plus the index gain; if the index gains up to the
	step-up level, par plus 35%; par if index falls by up to 15%; exposure to any losses beyond
	15%
Initial level:	1,576.618
Step-up value:	2,128.434, 135% of initial level
Threshold value:	1,340.125, 85% of initial level
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	BofA Merrill Lynch
Fees:	2%
Cusip:	064161599



New Issue: Scotiabank prices \$18.11 million market-linked step-up autocallables on S&P 500

By Marisa Wong

Morgantown, W.Va., March 21 - Bank of Nova Scotia priced \$18.11 million of 0% autocallable market-linked step-up notes due April 1, 2024 linked to the S&P 500 index, according to a 424B2 filing with the Securities and Exchange Commission.

If the index closes at or above its initial

level on an annual observation date, the notes level, the payout will be par plus the step-up will be called at par plus a premium of 6.3% a year.

If the index finishes above the step-up level – 130% of the initial level – the payout at maturity will be par of \$10 plus the index gain.

If the index gains by up to the step-up

payment of 30%.

If the index falls by up to 15%, the payout will be par. Investors will be exposed to any losses beyond 15%.

BofA Merrill Lynch is the agent.

Issuer:	Bank of Nova Scotia
Issue:	Autocallable market-linked step-up notes
Underlying index:	S&P 500
Amount:	\$18,110,570
Maturity:	April 1, 2024
Coupon:	0%
Price:	Par of \$10
Call:	At par plus 6.3% a year premium if index closes at or above initial level on an annual
	observation date
Payout at maturity:	If the index finishes above the step-up level, par plus the index gain; if the index gains up to the
	step-up level, par plus 30%; par if index falls by up to 15%; exposure to any losses beyond
	15%
Initial level:	2,747.33
Step-up value:	3,571.53, 130% of initial level
Threshold value:	2,335.23, 85% of initial level
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	BofA Merrill Lynch
Fees:	2%
Cusip:	064161557

New Issue: Scotiabank prices \$18.52 million market-linked step-up autocallables on S&P 500

By Marisa Wong

Morgantown, W.Va., March 21 – **Bank** of Nova Scotia priced \$18.52 million of 0% autocallable market-linked step-up notes due March 26, 2021 linked to the S&P 500 index , according to a 424B2 filing with the Securities and Exchange Commission.

If the index closes at or above its initial level on an annual observation date, the notes will be called at par plus a premium of 8.3% a year.

If the index finishes above the step-up level – 121% of the initial level – the payout at maturity will be par of \$10 plus the index

gain.

If the index gains by up to the step-up level, the payout will be par plus the step-up payment of 21%.

Investors will be exposed to any losses. BofA Merrill Lynch is the agent.

Issuer:	Bank of Nova Scotia
Issue:	Autocallable market-linked step-up notes
Underlying index:	S&P 500
Amount:	\$18,515,350
Maturity:	March 26, 2021
Coupon:	0%
Price:	Par of \$10
Call:	At par plus 8.3% a year premium if index closes at or above initial level on an annual
	observation date
Payout at maturity:	If the index finishes above the step-up level, par plus the index gain; if the index gains up to the
	step-up level, par plus 21%; exposure to any losses
Initial level:	2,747.33
Step-up value:	3,324.27, 121% of initial level
Pricing date:	March 15
Settlement date:	March 22
Underwriter:	BofA Merrill Lynch
Fees:	2%
Cusip:	064161573



New Issue: UBS prices \$100,000 trigger phoenix autocallables linked to Facebook

New York, March 21 – UBS AG, London Branch priced \$100,000 of trigger phoenix autocallable optimization securities due March 26, 2019 linked to the common stock of Facebook, Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Facebook stock closes at or above the trigger price – 80% of the initial share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 11.24%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Facebook

shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Facebook, Inc. (Nasdaq: FB)
Amount:	\$100,000
Maturity:	March 26, 2019
Coupon:	11.24%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Facebook shares finish at or above trigger price; otherwise, par
	plus stock return
Call:	Automatically at par plus contingent coupon if Facebook shares close at or above initial price
	on a quarterly observation date
Initial share price:	\$169.39
Trigger price:	\$135.51, 80% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B301



New Issue: UBS prices \$100,000 trigger phoenix autocallables linked to Freeport-McMoRan

New York, March 21 – UBS AG, London Branch priced \$100,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Freeport-McMoRan Copper & Gold Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Freeport-McMoRan stock closes at or above the trigger price -70% of the initial

share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 13.27%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and

Freeport-McMoRan shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Freeport-McMoRan Copper & Gold Inc. (NYSE: FCX)
Amount:	\$100,000
Maturity:	March 26, 2020
Coupon:	13.27%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Freeport-McMoRan shares finish at or above trigger price;
	otherwise, par plus stock return
Call:	Automatically at par plus contingent coupon if Freeport-McMoRan shares close at or above
	initial price on a quarterly observation date
Initial share price:	\$19.18
Trigger price:	\$13.43, 70% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B186



New Issue: UBS prices \$100,000 trigger phoenix autocallables linked to Nabors

New York, March 21 – UBS AG, London Branch priced \$100,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Nabors Industries Ltd., according to a 424B2 filing with the Securities and Exchange Commission.

If Nabors Industries stock closes at or above the trigger price -60% of the initial share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 21.32%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Nabors

Industries shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Nabors Industries Ltd. (NYSE: NBR)
Amount:	\$100,000
Maturity:	March 26, 2020
Coupon:	21.32%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Nabors Industries shares finish at or above trigger price;
	otherwise, par plus stock return
Call:	Automatically at par plus contingent coupon if Nabors Industries shares close at or above initial
	price on a quarterly observation date
Initial share price:	\$7.55
Trigger price:	\$4.53, 60% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B202



New Issue: UBS prices \$100,000 trigger phoenix autocallables linked to Petrobras

New York, March 21 – UBS AG, London Branch priced \$100,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the American depositary shares of Petroleo Brasileiro SA, according to a 424B2 filing with the Securities and Exchange Commission.

If Petroleo Brasileiro stock closes at or above the trigger price -60% of the initial

share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 10.33%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Petroleo

Brasileiro shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Petroleo Brasileiro SA (NYSE: PBR)
Amount:	\$100,000
Maturity:	March 26, 2020
Coupon:	10.33%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Petroleo Brasileiro shares finish at or above trigger price;
	otherwise, par plus stock return
Call:	Automatically at par plus contingent coupon if Petroleo Brasileiro shares close at or above
	initial price on a quarterly observation date
Initial share price:	\$14.48
Trigger price:	\$8.69, 60% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B285



New Issue: UBS prices \$150,000 trigger phoenix autocallables linked to Amazon.com

New York, March 21 – UBS AG, London Branch priced \$150,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Amazon.com, Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Amazon.com stock closes at or above the trigger price -62.58% of the initial share price - on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 8%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and

Amazon.com shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Amazon.com, Inc. (Nasdaq: AMZN)
Amount:	\$150,000
Maturity:	March 26, 2020
Coupon:	8%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Amazon.com shares finish at or above trigger price; otherwise,
	par plus stock return
Call:	Automatically at par plus contingent coupon if Amazon.com shares close at or above initial
	price on a quarterly observation date
nitial share price:	\$1581.86
Trigger price:	\$989.93, 62.58% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	0.75%
Cusip:	90284B293

New Issue: UBS prices \$200,000 trigger phoenix autocallables linked to Southwest

New York, March 21 – UBS AG, **London Branch** priced \$200,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Southwest Airlines Co., according to a 424B2 filing with the Securities and Exchange Commission.

If Southwest Airlines stock closes at or

above the trigger price - 75% of the initial share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 10.14%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Southwest Airlines shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Southwest Airlines Co. (NYSE: LUV)
Amount:	\$200,000
Maturity:	March 26, 2020
Coupon:	10.14%, payable quarterly if stock closes at or above trigger price on observation date for that
-	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Southwest Airlines shares finish at or above trigger price;
	otherwise, par plus stock return
Call:	Automatically at par plus contingent coupon if Southwest Airlines shares close at or above
	initial price on a quarterly observation date
Initial share price:	\$57.78
Trigger price:	\$43.34, 75% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B194



New Issue: UBS prices \$220,000 trigger phoenix autocallables linked to Facebook

New York, March 21 – UBS AG, London Branch priced \$220,000 of trigger phoenix autocallable optimization securities due Sept. 26, 2019 linked to the common stock of Facebook, Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Facebook stock closes at or above the trigger price – 80% of the initial share price – on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 12.54%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Facebook

shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Facebook, Inc. (Nasdaq: FB)
Amount:	\$220,000
Maturity:	Sept. 26, 2019
Coupon:	12.54%, payable quarterly if stock closes at or above trigger price on observation date for that
	quarter
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Facebook shares finish at or above trigger price; otherwise, par
	plus stock return
Call:	Automatically at par plus contingent coupon if Facebook shares close at or above initial price
	on a quarterly observation date
Initial share price:	\$169.39
Trigger price:	\$135.51, 80% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1.5%
Cusip:	90284B269



New Issue: UBS prices \$225,000 trigger phoenix autocallables linked to American

New York, March 21 – UBS AG, London Branch priced \$225,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of American Airlines Group Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If American Airlines stock closes at or above the trigger price -80% of the initial

share price - on a half yearly observation date, the issuer will pay a contingent coupon for that half year at the rate of 15.55%. Otherwise, no coupon will be paid that half year.

If the shares close at or above the initial price on a half yearly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and American Airlines shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	American Airlines Group Inc.
Amount:	\$225,000
Maturity:	March 26, 2020
Coupon:	15.55%, payable half yearly if stock closes at or above trigger price on observation date for that
	half year
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if American Airlines shares finish at or above trigger price;
	otherwise, par plus stock return
Call:	Automatically at par plus contingent coupon if American Airlines shares close at or above
	initial price on a half yearly observation date
Initial share price:	\$54.09
Trigger price:	\$43.27, 80% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	1%
Cusip:	90284B236



New Issue: UBS prices \$250,040 trigger phoenix autocallables linked to Netflix

New York, March 21 – UBS AG, London Branch priced \$250,040 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Netflix, Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Netflix stock closes at or above the trigger price - 69% of the initial share price - on a bimonthly observation date, the issuer will pay a contingent coupon for that two months at the rate of 18.41%. Otherwise, no coupon will be paid that two months.

If the shares close at or above the initial price on a bimonthly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Netflix

shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch
Issue:	Trigger phoenix autocallable optimization securities
Underlying stock:	Netflix, Inc. (Nasdaq: NFLX)
Amount:	\$250,040
Maturity:	March 26, 2020
Coupon:	18.41%, payable bimonthly if stock closes at or above trigger price on observation date for that
	two months
Price:	Par of \$10.00
Payout at maturity:	Par plus contingent coupon if Netflix shares finish at or above trigger price; otherwise, par plus
	stock return
Call:	Automatically at par plus contingent coupon if Netflix shares close at or above initial price on a
	bimonthly observation date
Initial share price:	\$316.48
Trigger price:	\$218.37, 69% of initial price
Pricing date:	March 21
Settlement date:	March 23
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank
Fees:	0.75%
Cusip:	90284B277
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New Issue: UBS prices \$275,000 trigger phoenix autocallables linked to Facebook

New York, March 21 – UBS AG, London Branch priced \$275,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Facebook, Inc., according to a 424B2 filing with the Securities and Exchange Commission.

If Facebook stock closes at or above the trigger price – 70% of the initial share price – on a half yearly observation date, the issuer will pay a contingent coupon for that half year at the rate of 10.22%. Otherwise, no coupon will be paid that half year.

If the shares close at or above the initial price on a half yearly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Facebook

shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

Issuer:	UBS AG, London Branch		
Issue:	Trigger phoenix autocallable optimization securities		
Underlying stock:	Facebook, Inc. (Nasdaq: FB)		
Amount:	\$275,000		
Maturity:	March 26, 2020		
Coupon:	10.22%, payable half yearly if stock closes at or above trigger price on observation date for that		
	half year		
Price:	Par of \$10.00		
Payout at maturity:	Par plus contingent coupon if Facebook shares finish at or above trigger price; otherwise, par		
	plus stock return		
Call:	Automatically at par plus contingent coupon if Facebook shares close at or above initial price		
	on a half yearly observation date		
Initial share price:	\$169.39		
Trigger price:	\$118.57, 70% of initial price		
Pricing date:	March 21		
Settlement date:	March 23		
Underwriters:	UBS Financial Services Inc. and UBS Investment Bank		
Fees:	1%		
Cusip:	90284B251		



New Issue: UBS prices \$560,000 trigger phoenix autocallables linked to Boeing

New York, March 21 – UBS AG, London Branch priced \$560,000 of trigger phoenix autocallable optimization securities due March 26, 2020 linked to the common stock of Boeing Co., according to a 424B2 filing with the Securities and Exchange Commission.

If Boeing stock closes at or above the trigger price - 70% of the initial share price - on a quarterly observation date, the issuer will pay a contingent coupon for that quarter at the rate of 10.61%. Otherwise, no coupon will be paid that quarter.

If the shares close at or above the initial price on a quarterly observation date, the notes will be called at par plus the contingent Investment Bank are the underwriters. coupon.

If the notes are not called and Boeing

shares finish at or above the trigger price, the payout at maturity will be par plus the contingent coupon. Otherwise, investors will be exposed to the share price decline from the initial price.

UBS AG, London Branch
Trigger phoenix autocallable optimization securities
Boeing Co. (NYSE: BA)
\$560,000
March 26, 2020
10.61%, payable quarterly if stock closes at or above trigger price on observation date for that
quarter
Par of \$10.00
Par plus contingent coupon if Boeing shares finish at or above trigger price; otherwise, par plus
stock return
Automatically at par plus contingent coupon if Boeing shares close at or above initial price on a
quarterly observation date
\$337.10
\$235.97, 70% of initial price
March 21
March 23
UBS Financial Services Inc. and UBS Investment Bank
1.5%
90284B228

New Issue: FHLB prices \$10 million five-year callable step up notes at 2.5% initial rate

New York, March 21 - **Federal Home Loan Banks** priced \$10 million of 2.5% initial rate five-year callable step up notes at par, according to the agency's web site. The bonds will mature on April 12, 2023 and have a Bermuda call. MBS is the manager.

Issuer:	Federal Home Loan Banks
Issue:	Step up notes
Amount:	\$10 million
Maturity:	April 12, 2023
Coupon:	2.5% initial rate
Price:	Par
Call:	Bermuda call
Pricing date:	March 21
Settlement date:	April 12
Underwriter:	MBS
Cusip:	3130ADVV1

New Issue: FHLB prices \$20 million five-year callable step up notes at 2.5% initial rate

New York, March 21 - **Federal Home Loan Banks** priced \$20 million of 2.5% initial rate five-year callable step up notes at par, according to the agency's web site. The bonds will mature on March 28, 2023 and have a Bermuda call. WFS is the manager.

Issuer:	Federal Home Loan Banks
Issue:	Step up notes
Amount:	\$20 million
Maturity:	March 28, 2023
Coupon:	2.5% initial rate
Price:	Par
Call:	Bermuda call
Pricing date:	March 21
Settlement date:	March 28
Underwriter:	WFS
Cusip:	3130ADVX7
Cusip.	



BANK OF AMERICA CORP.

- Fixed- to floating-rate notes due March 27, 2028 linked to the Consumer Price Index; via BofA Merrill Lynch; pricing March 23; Cusip: 06048WWA4
- Step-up callable notes due March 27, 2025; via BofA Merrill Lynch; pricing March 23; Cusip: 06048WVZ0
- Step-up callable notes due March 28, 2033; via BofA Merrill Lynch; pricing March 26; Cusip: 06048WVY3
- Step-up callable notes due Sept. 28, 2023; via BofA Merrill Lynch; settlement March 28; Cusip: 06048WWB2

BANK OF THE WEST

- 0% market-linked certificates of deposit due March 28, 2024 linked to the Euro Stoxx 50 index; via BNP Paribas Securities Corp. with Incapital LLC as distributor; pricing March 23; Cusip: 06426XVD9
- 0% market-linked certificates of deposit due March 28, 2023 linked to the Morningstar Ultimate Stock-Pickers Target Volatility 7 index; via BNP Paribas Securities Corp. with Incapital LLC as distributor; pricing March 23; Cusip: 06426XVA5

BARCLAYS BANK PLC

- Phoenix autocallable notes due March 15, 2021 linked to the least performing of the common stocks of Facebook, Inc., Vertex Pharmaceuticals Inc. and Citigroup Inc.; via Barclays; pricing March 22; Cusip: 06741WED8
- Step-up fixed-rate callable notes due March 29, 2038; via Barclays; pricing March 26; Cusip: 06746X2L6
- Floating-rate notes due April 12, 2028 linked to the Consumer Price Index; via Barclays; settlement April 12; Cusip: 06746X2S1
- Fixed- to floating-rate notes due April 20, 2023 linked to the 10-year U.S. dollar ICE swap rate; via Barclays; settlement April 20; Cusip: 06746X2T9

CANADIAN IMPERIAL BANK OF COMMERCE

 0% notes linked to 16 Raymond James Healthcare Top Selections due Sept. 26, 2019; via CIBC World Markets Corp.; pricing March 23; Cusip: 136069YK1

• 0% notes linked to 16 Raymond James Healthcare Top Selections due Sept. 26, 2019; via CIBC World Markets Corp.; pricing March 23; Cusip: 136069YJ4

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- 0% notes linked to eight Raymond James Healthcare Top Selections due Sept. 26, 2019; via CIBC World Markets Corp.; pricing March 23; Cusip: 13605WKD2
- 0% notes linked to eight Raymond James Healthcare Top Selections due Sept. 26, 2019; via CIBC World Markets Corp.; pricing March 23; Cusip: 13605WKC4

CITIGROUP GLOBAL MARKETS HOLDINGS INC.

- 0% market-linked notes due March 26, 2020 linked to the Euro Stoxx 50 index; via Citigroup Global Markets Inc. with Morgan Stanley Wealth Management as a dealer; pricing March 23; Cusip: 17326K296
- 0% market-linked notes due March 26, 2021 linked to the Euro Stoxx 50 index; via Citigroup Global Markets Inc. with Morgan Stanley Wealth Management as a dealer; pricing March 23; Cusip: 17326K163
- Callable step-up coupon notes due March 29, 2023; via Citigroup Global Markets Inc.; pricing March 26; Cusip: 17324CSV9
- Fixed- to floating-rate notes due March 29, 2038 linked to the 30-year and two-year Constant Maturity Swap rates; via Citigroup Global Markets Inc.; pricing March 26; Cusip: 17324CTA4
- Autocallable contingent coupon equity-linked securities due Oct.
 3, 2019 linked to the worst performing of the common stocks of Wal-Mart Stores, Inc. and Costco Wholesale Corp.; via Citigroup Global Markets Inc.; pricing March 28; Cusip: 17324XMG2
- Fixed-to-floating notes due April 3, 2028 linked to the 30-year and two-year Constant Maturity Swap rates; via Citigroup Global Markets Inc.; pricing March 29; Cusip: 17324CTB2
- 0% buffer securities due April 1, 2021 linked to the iStoxx Global Economic Growth Select 50 index; via Citigroup Global Markets Inc.; pricing March 29; Cusip: 17324CT89

CITIGROUP INC.

due Sept. 26, 2019; via CIBC World Markets Corp.; pricing March • Callable step-up coupon notes due March 29, 2025; via Citigroup

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Global Markets Inc.; pricing March 27; Cusip: 17298CFZ6

• Fixed-to-floating notes due March 29, 2028 linked to the 10-year Constant Maturity Swap rate; via Citigroup Global Markets Inc.; pricing March 27; Cusip: 17298CG28

CREDIT SUISSE AG, LONDON BRANCH

- Contingent coupon autocallable yield notes due March 27, 2020 linked to the least performing of the common stocks of Apple Inc., Microsoft Corp. and Nvidia Corp.; via Credit Suisse Securities (USA) LLC; pricing March 22; Cusip: 22549JSL5
- Contingent coupon autocallable yield notes due March 24, 2020 linked to the least performing of the S&P 500 index, the MSCI Emerging Markets index and the Tokyo Stock Price index; via J.P. Morgan Securities LLC and JPMorgan Chase Bank, NA as placement agents; pricing March 22; Cusip: 22550WLK1
- 7% contingent coupon autocallable reverse convertible securities due June 28, 2019 linked to the American Depositary Shares of Anheuser-Busch InBev SA/NV; via Credit Suisse Securities (USA) LLC; pricing March 23; Cusip: 22549JRQ5
- 8% contingent coupon autocallable reverse convertible securities due June 28, 2019 linked to the common stock of Boeing Co.; via Credit Suisse; pricing March 23; Cusip: 22549JRY8
- 11.1% contingent coupon autocallable reverse convertible securities due June 28, 2019 linked to the common stock of Netflix, Inc.; via Credit Suisse; pricing March 23; Cusip: 22549JRX0
- Contingent coupon callable yield notes due March 31, 2020 linked to the common stock of PNC Financial Services Group, Inc.; via Credit Suisse Securities (USA) LLC; pricing March 26; Cusip: 22549JRR3
- Floating-rate trigger callable contingent yield notes due March 29, 2023 linked to the S&P 500 index and the Euro Stoxx 50 index; via UBS Financial Services Inc.; pricing March 27; Cusip: 22549E788
- 0% buffered accelerated return equity securities due April 4, 2022 linked to the S&P 500 index; via Credit Suisse Securities (USA) LLC; pricing March 29; Cusip: 22550WJR9

GOLDMAN SACHS BANK USA

- Variable-coupon basket-linked certificates of deposit due March 28, 2023 linked to a an equally weighted basket of 10 stocks (AT&T Inc., Chevron Corp., Exxon Mobil Corp., International Business Machines Corp., Merck & Co., Inc., Pfizer Inc., Philip Morris International Inc., Coca-Cola Co., Procter & Gamble Co. and Verizon Communications, Inc.); via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RBR3
- Variable-coupon basket-linked certificates of deposit due March 27, 2025 linked to a an equally weighted basket of 10 stocks (AT&T Inc., Chevron Corp., Exxon Mobil Corp., International Business Machines Corp., Merck & Co., Inc., Pfizer Inc., Philip Morris International Inc., Coca-Cola Co., Procter & Gamble Co. and Verizon Communications, Inc.); via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RBQ5
- 0% certificates of deposit due Sept. 26, 2025 linked to the Dow Jones industrial average; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RAT0
- 0% equity-linked certificates of deposit due March 27, 2025 linked to the Euro Stoxx 50 index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RAS2
- 0% certificates of deposit due March 28, 2023 linked to the Russell 2000 index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RBT9
- 0% certificates of deposit due Sept. 26, 2025 linked to the S&P 500 index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RAU7
- 0% certificates of deposit due April 2, 2025 linked to the S&P 500 index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 23; Cusip: 38148RBS1
- 0% certificates of deposit due Sept. 30, 2021 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RB77

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- 0% certificates of deposit due Sept. 29, 2022 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RB93
- 0% certificates of deposit due June 29, 2023 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBA0
- 0% certificates of deposit due March 29, 2024 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RB51
- 0% certificates of deposit due March 31, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBB8
- 1.5% certificates of deposit due March 26, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBN2
- Variable-coupon certificates of deposit due March 27, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBM4
- 0% autocallable certificates of deposit due April 9, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBH5
- 0% autocallable certificates of deposit due April 9, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBG7
- 0% autocallable certificates of deposit due April 9, 2025 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBF9
- 0% certificates of deposit due March 30, 2028 linked to the GS

Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RB69

- 0% autocallable certificates of deposit due April 10, 2028 linked to the GS Momentum Builder Multi-Asset 5S ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBE2
- 0% certificates of deposit due March 31, 2025 linked to the Motif Capital Aging of America 7 ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBK8
- 0% certificates of deposit due March 31, 2025 linked to the Motif Capital National Defense 7 ER index; via Goldman Sachs & Co. with Incapital LLC as distributor; pricing March 26; Cusip: 38148RBL6

GOLDMAN SACHS GROUP, INC.

- Callable step-up fixed-rate notes due March 2021; via Goldman Sachs & Co. LLC; pricing in March; Cusip: 38150A4Z5
- Callable step-up fixed-rate notes due March 2033; via Goldman Sachs & Co. LLC; pricing in March; Cusip: 38150A6D2
- Fixed- to floating-rate notes due March 2028 linked to the 10-year Constant Maturity Swap rate; via Goldman Sachs & Co. LLC and Incapital LLC; pricing in March; Cusip: 38150A6K6
- Fixed- to floating-rate notes due March 2023 linked to the 10-year Constant Maturity Swap rate; via Goldman Sachs & Co. LLC and Incapital LLC; pricing in March; Cusip: 38150A6J9

GS FINANCE CORP.

- Autocallable contingent interest notes due March 26, 2020 linked to Advance Auto Parts, Inc. common stock; iva J.P. Morgan Securities LLC; pricing March 22; Cusip: 48129MFC5
- 0% trigger Performance Leveraged Upside Securities due Sept. 26, 2019 linked to the Euro Stoxx 50 index; via J.P. Morgan Securities LLC with Morgan Stanley Wealth Management handling distribution; pricing March 22; Cusip: 48129L413



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- 0% leveraged buffered index-linked notes due Jan. 4, 2021 tied to the Euro Stoxx 50 index; via Goldman, Sachs & Co.; pricing March 22; Cusip: 40055AT23
- 0% notes due March 27, 2023 linked to Euro Stoxx 50 index; via J.P. Morgan Securities LLC; pricing March 22.; Cusip: 48129MFA9
- Autocallable contingent interest notes due March 26, 2020 linked to Williams-Sonoma, Inc. common stock; via J.P. Morgan Securities LLC; pricing March 22; Cusip: 48129MFD3
- 0% index-linked notes due March 26, 2026 linked to the S&P 500 index; via Goldman, Sachs & Co. LLC; pricing March 23; Cusip: 40055AQB6
- Putable floating-rate notes due March 29, 2058; via Goldman Sachs & Co.; pricing March 26; Cusip: 40055ATA5
- Autocallable contingent coupon notes due March 31, 2022 linked to the iShares MSCI Emerging Markets exchange-traded fund and the Euro Stoxx 50 index; via Goldman Sachs & Co. LLC; pricing March 27; Cusip: 40055ASQ1

HSBC BANK USA, NA

- Income Plus certificates of deposit due March 28, 2023 linked to the common stocks of Apple Inc., AT&T Inc., Deere & Co., Merck & Co., Inc. and Philip Morris International Inc.; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YVY0
- Income Plus certificates of deposit due March 28, 2023 linked to the common stocks of Apple Inc., AT&T Inc., Deere & Co., Merck & Co., Inc. and Philip Morris International Inc.; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YVZ7
- Income Plus certificates of deposit due March 28, 2025 linked to the common stocks of Apple Inc., AT&T Inc., Deere & Co., Merck & Co., Inc. and Philip Morris International Inc.; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWA1
- Income Plus certificates of deposit due March 28, 2025 linked to the common stocks of Apple Inc., AT&T Inc., Deere & Co.,

Merck & Co., Inc. and Philip Morris International Inc.; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWB9

- Rate Builder certificates of deposit due March 28, 2023 linked to a basket of 10 stocks assigned Safety Rank 1 by Value Line (Boeing Co., Cisco Systems, Inc., Chevron Corp., Deere & Co., Eli Lilly & Co., Kellogg Co., Procter & Gamble Co., Target Corp., UnitedHealth Group Inc. and Verizon Communications Inc.); via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWC7
- 0% growth opportunity averaging certificates of deposit due March 28, 2025 linked to the Dow Jones industrial average; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWG8
- 0% growth opportunity certificates of deposit due March 28, 2022 linked to the HSBC Vantage5 Index (USD) Excess Return; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YVR5
- 0% growth opportunity certificates of deposit due March 28, 2025 linked to the HSBC Vantage5 Index (USD) Excess Return; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YVU8
- 0% autocallable certificates of deposit due March 28, 2025 linked to the HSBC Vantage5 Index (USD) Excess Return; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YVV6
- 0% accumulated return certificates of deposit due March 28, 2022 linked to the S&P 500 index; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWE3
- 0% accumulated return certificates of deposit due March 28, 2023 linked to the S&P 500 index; via HSBC Securities (USA) Inc. with Incapital LLC as distributor; pricing March 23; Cusip: 40434YWF0

HSBC USA, INC.

• 0% capped gears due May 31, 2019 linked to the iShares MSCI Emerging Markets exchange-traded fund; via UBS Financial

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Services Inc. and HSBC Securities (USA) Inc.; pricing March 26; Cusip: 40435M789

JEFFERIES GROUP LLC

• Fixed- to floating-rate notes with a contingent digital coupon due March 29, 2038 based on Libor; via Jefferies LLC; settlement March 29; Cusip: 47233JBK3

JPMORGAN CHASE & CO.

• Fixed- to floating-rate notes due March 29, 2028 linked to the 10-year U.S. dollar ICE swap rate; via J.P. Morgan Securities LLC; settlement March 27; Cusip: 48128GH29

JPMORGAN CHASE BANK, NA

- Digital contingent coupon certificates of deposit due March 31, 2025 linked to a basket of stocks (Altria Group, Inc., Apple Inc., AT&T Inc., Chevron Corp., Cisco Systems, Inc., Exxon Mobil Corp., Ford Motor Co., International Business Machines Corp., Merck & Co., Inc. and Verizon Communications Inc.); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YT78
- 0% capped certificates of deposit due Sept. 30, 2025 linked to the Dow Jones industrial average; via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YS53
- 0% certificates of deposit due June 30, 2021 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YW90
- 0% certificates of deposit due March 31, 2022 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YX24
- 0% certificates of deposit due March 31, 2023 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YX32
- 0% certificates of deposit due March 28, 2024 linked to the J.P.

Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YX40

- 0% certificates of deposit due March 31, 2025 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YX57
- Variable annual income certificates of deposit with due March 31, 2025 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YT45
- Variable annual income certificates of deposit with due March 31, 2025 linked to the J.P. Morgan Efficiente Plus DS 5 index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YW74
- Certificates of deposit with contingent annual interest due March 31, 2025 linked to the J.P. Morgan Efficiente Plus DS 5 Index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YT60
- Certificates of deposit due March 31, 2025 linked to the J.P. Morgan Efficiente Plus DS 5 Index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YT52
- 0% autocallable certificates of deposit due March 31, 2025 with step-up call value linked to the J.P. Morgan Efficiente Plus DS 5 Index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YU43
- 0% autocallable certificates of deposit due March 31, 2025 with step-up call value linked to the J.P. Morgan Efficiente Plus DS 5 Index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YU50
- 0% autocallable certificates of deposit due March 31, 2028 with step-up call value linked to the J.P. Morgan Efficiente Plus DS 5 Index (Net ER); via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YU68

•0% certificates of deposit due March 31, 2021 linked to the J.P. Morgan Meridian index; via J.P. Morgan Securities LLC with

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Incapital LLC as distributor; pricing March 26; Cusip: 48126YW25

- 0% capped quarterly observation certificates of deposit due March 31, 2022 linked to the S&P 500 index; via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YS87
- 0% capped certificates of deposit due Sept. 30, 2025 linked to the S&P 500 index; via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 26; Cusip: 48126YS46
- Callable interest rate spread certificates of deposit due March 29, 2033 linked to the 30-year U.S. dollar ICE swap rate and the two-year U.S. dollar ICE swap rate; via J.P. Morgan Securities LLC with Incapital LLC as distributor; pricing March 27; Cusip: 48126YU35

JPMORGAN CHASE FINANCIAL CO. LLC

- 0% buffered enhanced participation equity notes due March 25, 2020 linked to a basket of international equity indexes; via J.P. Morgan Securities LLC; pricing March 22; Cusip: 48129HHD2
- 10% autocallable contingent interest notes due June 27, 2019 linked to the common stock of Amazon.com, Inc.; via J.P. Morgan Securities LLC; pricing March 23; Cusip: 48129MDQ6
- 0% capped notes due March 26, 2021 linked to the Euro Stoxx Select Dividend 30 index; via J.P. Morgan Securities LLC; pricing March 23; Cusip: 48129MEQ5
- 0% trigger digital notes due March 31, 2020 linked to the 10-year U.S. dollar ICE swap rate; via UBS Financial Services Inc. and J.P. Morgan Securities LLC; pricing March 26; Cusip: 48129L512
- 0% capped buffered return enhanced notes due March 31, 2020 linked to the Bloomberg Commodity index; via J.P. Morgan Securities LLC; pricing March 26; Cusip: 46647MQY2
- 0% capped buffered return enhanced notes due March 31, 2020 linked to the Nikkei 225 index; via J.P. Morgan Securities LLC; pricing March 26; Cusip: 48129MDR4
- 0% capped buffered return enhanced notes due March 31, 2020 linked to the S&P 500 index; via J.P. Morgan Securities LLC; pricing March 26; Cusip: 48129MDT0

- Autocallable contingent interest notes due Oct. 2, 2025 linked to the lesser performing of the Euro Stoxx 50 index and the iShares MSCI Emerging Markets exchange-traded fund; via J.P. Morgan Securities LLC; pricing March 28; Cusip: 48129MDJ2
- 0% capped buffered return enhanced notes due April 9, 2020 linked to a basket made up of the S&P 500 index, the Russell 2000 index and the iShares MSCI EAFE exchange-traded fund; via J.P. Morgan Securities LLC; pricing April 6; Cusip: 48129MDV5

MORGAN STANLEY

- Fixed- to floating-rate notes due April 3, 2028 linked to the 30-year U.S. dollar ICE swap rate; via Morgan Stanley & Co. LLC; pricing March 29; Cusip: 61760QLA0
- Fixed- to floating-rate notes due April 3, 2028 linked to the 30-year U.S. dollar ICE swap rate; via Morgan Stanley & Co. LLC; pricing March 30; Cusip: 61760QLA0

MORGAN STANLEY BANK, NA

- 0% market-linked certificates of deposit due March 30, 2023 linked to the Morgan Stanley MAP Trend index; via Morgan Stanley & Co. LLC with Incapital LLC as distributor; pricing March 26; Cusip: 61765QFM6
- 0% market-linked certificates of deposit due March 28, 2025 linked to the Morgan Stanley MAP Trend index; via Morgan Stanley & Co. LLC with Incapital LLC as distributor; pricing March 26; Cusip: 61765QFN4

MORGAN STANLEY FINANCE LLC

- 0% equity-linked partial principal at risk securities due March 26, 2021 linked to the Euro Stoxx Select Dividend 30 index; via Morgan Stanley & Co. LLC; pricing March 23; Cusip: 61768CM38
- Contingent income autocallable securities due Oct. 1, 2019 linked to the lesser performing of the Russell 2000 index and the S&P 500 index; via Morgan Stanley & Co. LLC; pricing March 26; Cusip 61768CG76
- 0% enhanced trigger jump securities due March 30, 2023 linked to the lesser performing of the Russell 2000 index and the S&P



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500 index; via Morgan Stanley & Co. LLC; pricing March 26; Cusip 61768CG43

- 0% capped gears due May 31, 2019 linked to the SPDR S&P Oil & Gas Exploration & Production exchange-traded fund; via Morgan Stanley & Co. LLC with UBS Financial Services Inc. as dealer; pricing March 26; Cusip: 61768P264
- 4.88% fixed-income buffered securities due March 29, 2023 linked to the S&P 500 index; via Morgan Stanley & Co. LLC; pricing March 29; Cusip: 61768CM20

ROYAL BANK OF CANADA

• 0% buffered enhanced return notes due March 31, 2020 linked to the iShares MSCI EAFE exchange-traded fund; via RBC Capital

Markets LLC; pricing March 26; Cusip: 78013XHH4

• 0% buffered enhanced return notes due March 31, 2020 linked to the iShares U.S. Real Estate exchange-traded fund; via RBC Capital Markets LLC; pricing March 26; Cusip: 78013XHJ0

TORONTO-DOMINION BANK

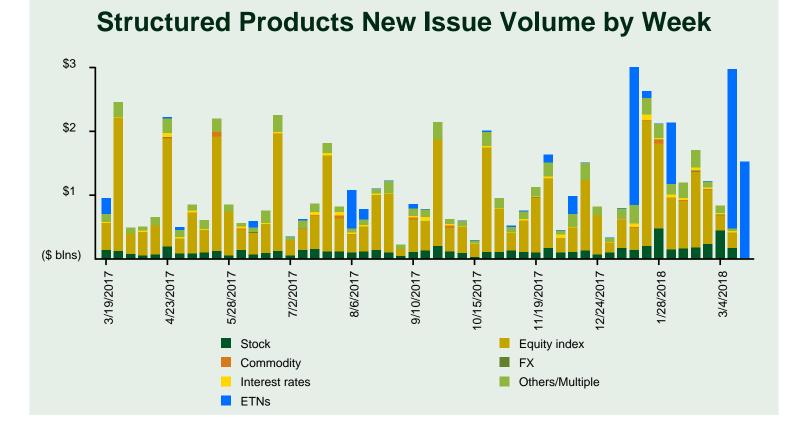
• Callable step-up notes due March 29, 2023; via TD Securities (USA) LLC; pricing in March 26; Cusip: 89114QLN6

WELLS FARGO & CO.

• Step-up callable notes due April 4, 2028; via Wells Fargo Securities, LLC; pricing March 29; Cusip: 95001D2E9

Structured Products Data





Thursday March 22, 2018

Structured Products

Structured Products Data

Priced	Issuer	Issue	Manager	Amount	Coupon	Maturity	Fees
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Apple Inc.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Delta Air Lines, Inc.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Facebook, Inc.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Goldman Sachs Group, Inc.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Intel Corp.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (JPMorgan Chase & Co.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Microsoft Corp.)	UBS	\$0.145	0.00%	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Alphabet Inc.)	UBS	\$0.125	Formula	3/25/2019	1.25%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Boeing Co.)	UBS	\$0.35	Formula	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Delta Air Lines, Inc.)	UBS	\$0.42	Formula	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Facebook, Inc.)	UBS	\$0.2	Formula	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Facebook, Inc.)	UBS	\$0.1	Formula	3/25/2020	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Facebook, Inc.)	UBS	\$0.1	Formula	3/25/2020	1.30%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (iShares MSCI Brazil Capped ETF)	UBS	\$0.21	Formula	9/25/2019	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Micron Technology, Inc.)	UBS	\$0.1	Formula	3/25/2019	1.37%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Microsoft Corp.)	UBS	\$0.125	Formula	3/25/2019	1.25%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Petroleo Brasileiro SA)	UBS	\$0.605	Formula	9/25/2019	1.50%
3/20/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Petroleo Brasileiro SA)	UBS	\$0.1	Formula	3/25/2020	1.50%
3/19/2018	Morgan Stanley	fixed-to-floating notes (Consumer Price Index)	Morgan Stanley	\$2.5	Formula	3/22/2028	1.75%
3/19/2018	UBS AG, London Branch	airbag yield optimization notes (Lam Research Corp.)	UBS	\$0.569	6.23%	12/24/2018	1.50%
3/19/2018	UBS AG, London Branch	contingent absolute return autocallable optimization securities (Vaneck Vectors Junior Gold Miners ETF)	UBS	\$0.155	0.00%	3/24/2020	1.50%
3/19/2018	UBS AG, London Branch	return optimization securities (Allergan plc)	UBS	\$0.14	0.00%	3/22/2019	2.00%
3/19/2018	UBS AG, London Branch	return optimization securities (Financial Select Sector SPDR Fund)	UBS	\$0.151	0.00%	9/24/2019	2.00%
3/19/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Alibaba Group Holding Ltd.)	UBS	\$0.302	Formula	3/22/2019	1.50%
3/19/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities (Amazon.com, Inc.)	UBS	\$0.106	Formula	3/24/2020	1.50%
3/19/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities	UBS	\$0.184	Formula	3/24/2020	1.50%
3/19/2018	UBS AG, London Branch	(Amazon.com, Inc.) trigger phoenix autocallable optimization securities (Bank of America Corp.)	UBS	\$0.184	Formula	3/24/2020	1.50%
3/19/2018	UBS AG, London Branch	trigger phoenix autocallable optimization securities	UBS	\$0.1	Formula	3/24/2020	0.88%
3/19/2018	UBS AG, London Branch	(Citigroup Inc.) trigger phoenix autocallable optimization securities	UBS	\$0.83	Formula	3/22/2019	1.50%
3/19/2018	UBS AG, London Branch	(CSX Corp.) trigger phoenix autocallable optimization securities (Facebook, Inc.)	UBS	\$0.1	Formula	9/24/2019	1.50%

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