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Except where you have a relevant written agreement directly with a Third-Party Provider, none of the Third-Party Providers referenced below owe you any duty of care with respect to the Third-Party Data nor do they accept any responsibility for it.

For the avoidance of doubt, absent anything to the contrary in your agreement(s) with Tradeweb, (i) Tradeweb has no responsibility and makes no representations or warranties regarding Third-Party Data, including, but not limited to, timeliness, completeness, accuracy or interruption; (ii) Tradeweb will not be held liable for inaccuracies, errors or omissions, delays, damages, claims, liabilities, or losses, regardless of cause, in or arising from the use of Third-Party Data; (iii) you bear all risks associated with the access and use of Third-Party Data on the Tradeweb Services; and (iv) Third-Party Data is provided for informational purposes only and its use on the Tradeweb Services does not constitute any endorsement or recommendation by Tradeweb.

In the event a Third-Party Provider removes its Third-Party Data from the Tradeweb Services, or requires Tradeweb to suspend or terminate the provision of the Third-Party Data to you, or if Tradeweb terminates its relationship with the Third-Party Provider, then Tradeweb may suspend or terminate the provision of applicable Third-Party Data and any correspondent part of Tradeweb’s services immediately and without notice or further obligation to you.

Please note that any terms defined in the foregoing paragraphs will apply throughout the entirety of these Third-Party Data Provider Term and Conditions, but terms defined with respect to any individual Third-Party Provider below, will only apply with respect to that Third-Party Data Provider.

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Association of National Numbering Agencies (“ANNA”)

You may only re-distribute ANNA data provided by the Tradeweb Services internally in your ordinary course of business (which shall not be information vending) and you will not re-distribute the data to third parties.

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Chicago Mercantile Exchange (“CME”)

You are required to comply with CME’s Subscriber Addendum (as amended) which can be found at: <https://www.cmegroup.com/market-data/files/ILA-Subscriber-Addendum.pdf>.

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Derivatives Service Bureau ("DSB")

You are responsible for implementing your own technical controls to prevent and reduce the threat of unauthorized disclosure of confidential information.

You agree to use the DSB data in accordance with the following provisions:

- a) You must not use the provision of online ISINs for Over-The-Counter Derivatives and ISIN Reference Data ("DSB Service") as a 'slow consumer', where "slow consumers" are defined as those using the data who do not process and/or receive messages sent by the DSB Service in a timely manner, thereby resulting in a backlog of pending messages within the DSB Service that may affect the stability of the DSB Service.
- b) Those connecting via FIX API and are streaming messages to the DSB Service must not have more than 1 message (comprised of create or search or any other message) per connection pending acknowledgement from the DSB Service at any given time.
- c) Those connecting via REST API (as set out in the Connectivity Policy) are permitted to make up to 60 API calls (comprised of create or search or any other calls) per minute per connection subject to the overall cap defined in paragraph 2.3(h) below.
- d) You must notify the Tradeweb promptly where ISINs have been incorrectly created. Continuous creation of invalid ISINs may result in the DSB exercising its rights to suspend access to the DSB Service and/or terminate your access to the data.
- e) Those connected via an API (FIX or REST) must not send more than 200 invalid messages a day or more than 1,000 in a calendar week across all API connections.
- f) Those connected via an API undertake not to send the DSB Service more than 100,000 search requests or 50,000 ISIN creation requests in any given calendar week across all API connections.
- g) You must not knowingly engage in activities that may put the ongoing operational and commercial viability of the DSB Service at risk, including non-compliance with any DSB policies and the gamification of the fee model.
- h) You shall not use the DSB Service and data for any known illegal purpose or otherwise than in compliance with the Applicable Laws.

You may not use the DSB Services to (a) threaten, harass or cause distress, annoyance, needless anxiety or discomfort to any other person or entity; (b) breach applicable law; (c) carry out any unlawful or fraudulent act; (d) transmit, or procure the sending of, any unsolicited or unauthorized advertising or promotional material or any other form of similar solicitation (spam); (e) knowingly transmit any data, send or upload any material that contains viruses, Trojan horses, worms, time-bombs, keystroke loggers, spyware, adware or

any other harmful programs or similar computer code designed to adversely affect the operation of any computer software or hardware; and (f) impersonate a person or entity.

The DSB reserves the right to exercise its rights in respect of termination and/or suspension if you use the DSB Services unreasonably or undertake activities that breach DSB's terms and conditions.

The DSB Service and other DSB data shall include CUSIP based ISIN's, which you may access and within the DSB Service solely and exclusively as part of the data provided by DSB and displayed on the Tradeweb Services. If you wish to manipulate, extract or strip-out such third-party data from the DSB data then you shall ensure you have the appropriate rights from the relevant third-party before such use.

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DTCC Solutions LLC ("DTCC")

All DTCC data elements and related data distributed to you via the Tradeweb Services (the "DTCC Data") is and shall remain the property of DTCC or its third-party providers.

In the event of a conflict between any agreement with or terms of use established by DTCC or its affiliates to which you are bound ("Service Provider Agreement") and the terms and conditions in your agreement with Tradeweb, the Service Provider Agreement will govern with respect to your use of the DTCC Data.

DTCC is a third-party beneficiary of the rights and obligations specified in the below provisions and may enforce such rights and obligations directly against you even though DTCC is not a party to the terms and conditions herein.

You agree to receive and store the DTCC Data and any data derived therefrom which is combined or aggregated with other data or information such that the data cannot be identified as originating or deriving directly from the DTCC Data, cannot be reverse engineered such that the DTCC Data can be identified and is not capable of use that serves substantially as a substitute for the DTCC Data or otherwise competes with the DTCC Data ("Derived Data"), solely for use as part of or in connection with the Tradeweb Services and not for any other purpose.

You agree to use the DTCC Data and Derived Data (i) internally only and not to redistribute such DTCC Data or Derived Data or use such DTCC Data or Derived Data in the creation or calculation of any index or benchmark, except that you, may, in the ordinary course of its business, distribute on an ad hoc basis, de minimis amounts of DTCC Data or Derived Data in trade confirmations, reports, presentations, graphs and other publications provided to your clients or prospects concerning the Tradeweb Services, provided, that you agree and acknowledge that you shall assume full liability for any such redistribution of the DTCC Data and will take reasonable steps to prevent its further redistribution and (ii) solely for the purpose of determining whether on what terms to engage in transactions and engaging in processing such transactions via the Tradeweb Services.

The DTCC Data and Derived Data is provided "AS IS" without any guarantees, representations or warranties and agrees to a disclaimer of liability for the benefit of DTCC on terms at least as protective as those stated in the Agreement.

Access to the DTCC Data and/or Derived Data may be suspended or terminated by Tradeweb upon thirty (30) days' notice following a determination by Tradeweb or DTCC that you are not in compliance with any terms applicable to your use of the DTCC Data.

Access to and use of the DTCC Data through the Tradeweb Services is conditional upon Tradeweb maintaining an agreement with DTCC and may be subject to immediate termination upon any termination of such agreement.

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You acknowledge that neither Tradeweb nor Fannie has any obligation to make the Fannie Data available to you via the Tradeweb Services, and the Fannie Data may be modified, suspended, or discontinued, in whole or in part, at any time and from time to time without notice.

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You acknowledge and agree that Fannie is an intended third-party beneficiary of the terms of use and/or agreements that you have with Tradeweb for access to and use of the Fannie Data, and that Fannie shall be entitled to enforce such provisions directly against you as if Fannie were a party to such terms of use and/or agreements.

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Financial Industry Regulatory Authority, Inc. ("FINRA")

You are required to comply with the FINRA Professional/Non-Professional Subscriber Agreement and any additional terms as put forth by FINRA at: <https://www.finra.org/sites/default/files/SUBSCRIBER%20AGREEMENT%20v%207%202%20%20FINAL.pdf>. To the extent that you redistribute any FINRA services, you must obtain all required approvals for control and redistribution of such FINRA services, and upon request provide a copy to Tradeweb. You are responsible for any and all costs and fees associated with agreements entered into with FINRA.

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Except to the extent finally judicially determined to have resulted primarily from the gross negligence, bad faith or intentional misconduct of Fitch, in no event shall Fitch or its affiliates, or its or their employees or contractors be liable for consequential, special, indirect, incidental, punitive or exemplary loss, damage or expense, whether caused by contractual breach, negligence or otherwise.

The provisions of this section shall apply to the fullest extent of the law, whether in contract, statute, tort (such as negligent misrepresentation), or otherwise, save that nothing hereunder shall limit or exclude Fitch's liability for negligence causing death or personal injury, or Fitch's liability for fraud, deceit, gross negligence or willful misconduct. In circumstances where all or any portion of the provisions of this section are finally judicially determined to be unavailable, Fitch's aggregate liability for any claims, liabilities or expenses relating to the Fitch Solutions Information shall not exceed an amount which is proportional to the relative fault that Fitch's conduct bears to all other conduct giving rise to such claim, liability or expense. This contractual limitation of liability shall be in addition to all limitations to which Fitch is entitled under the common law, or statute as a publisher of financial information.

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All disputes arising out of or relating to these terms and conditions, their performance or to the Fitch Solutions Information, whether arising in contract, in tort, under statute or otherwise shall, to the maximum extent permitted by law, be determined exclusively under the laws of the State of New York (without regard to its conflict of laws provisions), and you agree and consent to the exercise of personal jurisdiction by any state or federal court of law or equity located in New York, New York, U.S.A. You shall not initiate any legal proceeding relating to any such dispute in any jurisdiction other than in the courts located in New York, New York.

With respect to a breach or threatened breach by you of any provisions hereunder regarding the ownership, use, copying, distribution, confidentiality or nondisclosure of the Fitch Solutions Information, Fitch could suffer continuing and irreparable injury to its business as a direct result of such breach so you agree that Fitch may seek injunctive relief necessary to prevent or cure such breach (including temporary and preliminary relief, and relief by order of specific performance).

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- (b) You acknowledge that the ICE Services are intended for use as an aid to institutional investors, registered brokers or professions of similar sophistication in making informed judgments concerning securities. You accept responsibility for, and acknowledge that you are exercising your own independent judgment in, the selection of any of the ICE Services, the selection of the use or intended use of such, and any results obtained. Nothing contained herein shall be deemed to be a waiver of any rights existing under applicable law for the protection of investors.
- (c) You shall indemnify ICE and its suppliers against and hold ICE harmless from any and all losses, damages, liability, costs, including attorney's fees, resulting directly or indirectly from any claim or demand against ICE or its suppliers by a third party arising out of or related to the accuracy or completeness of any ICE Services received by you, or any data, information, service, report, analysis or publication derived therefrom. Neither ICE nor any of its suppliers shall be liable for any claim or demand against you by any third party.

- (d) Neither ICE nor any of its suppliers shall be liable for: (i) any special, indirect or consequential damages (even if advised of the possibility of such); (ii) any delay by reason of circumstances beyond its control, including acts of civil or military authority, national emergencies, labor difficulties, fire, mechanical breakdown, flood, or catastrophe, acts of God, insurrection, war, riots, or failure beyond its control of transportation or power supply; or (iii) any claim that arose more than one year prior to the institution of suit therefor.

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In the event that you at any time receive data from ICE containing Evaluations rather than market quotations, for certain securities or certain other data related to such securities, the following additional provisions shall apply:

- (a) evaluated securities are typically complicated financial instruments. There are many methodologies (including computer-based analytical modeling and individual security evaluations) available to generate approximations of their market value, and there is significant professional disagreement about which is best. No evaluation method, including those used by ICE, may consistently generate approximations that correspond to actual “traded” prices of the instruments.
- (b) ICE’s methodologies used to provide the pricing portion of certain data may rely on evaluations; however, you acknowledge that there may be errors or defects in ICE’s software, databases, or methodologies that may cause resultant evaluations to be inappropriate for use in certain applications.
- (c) You assume all responsibility for edit checking, external verification of evaluations, and ultimately the appropriateness of use of evaluations and other pricing data provided via the Tradeweb Services, regardless of any efforts made by ICE in this respect. You shall indemnify and hold ICE completely harmless in the event that errors, defects, or inappropriate evaluations are made available to you, as the case may be, via the Tradeweb Services.

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