



ELECTRONIC DELIVERY CONSENT FORM

In order for Deutsche Bank Securities Inc. and/or its affiliates (“DBSI”) to provide certain statements, notices, account documentation or other relevant documents (collectively, “Investor Materials”) to you electronically, DBSI requires your written consent. As the authorized signatory of the below-referenced account and by completing this form, you are consenting to receive the Investor Materials in an electronic format, including, but not limited to, receipt via email or access via the Internet, in lieu of physical delivery. This consent shall remain in effect unless and until DBSI is notified in writing by you to the contrary, as further described below. If you have any questions, please reach out to your DBSI representative for additional information.

By consenting to electronic delivery, you represent the following to DBSI:

1. You consent to the electronic delivery of the selected Investor Materials below in lieu of receiving paper hard copies;
2. That each email address that you have provided below is an authorized and approved account for receiving, if delivered via e-mail, selected Investor Materials; and
3. That you are able to access, if provided access via the Internet, selected Investor Materials that are delivered by electronic means.

Furthermore, by signing below you agree and acknowledge your understanding of the following:

1. You are an authorized signatory for the above-referenced account;
2. You have read and understand the disclosure information set forth herein and made to you by DBSI;
3. You represent that the information you have provided or will from time-to-time provide to DBSI in order to consent to electronic delivery is accurate, complete and without any misrepresentations;
4. You acknowledge that this consent may be used for all current and future related accounts of which you are an authorized signatory, until you cancel your consent to electronic delivery as described below;
5. You acknowledge and agree that DBSI reserves the right to limit or cancel electronic delivery at any time upon notice to you and revert to providing such Investor Materials via physical delivery;
6. You acknowledge and agree that your receipt of the selected Investor Materials electronically has the same effect as receipt of physical copies of the same Investor Materials, and agree to be bound by the terms and conditions of such Investor Materials, including, without limitation, any waiver of and rights to object to the terms of a confirmation following the expiration of the stated time period, as if they had been delivered by regular (i.e., postal) mail or facsimile;
7. If you do not consent to electronic delivery for certain Investor Materials below then you will not be enrolled for electronic delivery of that document type;
8. You understand the risks associated with electronic delivery and that such delivery may not be secure, may unintentionally contain computer viruses or other defects, may not be accurately replicated on other systems and may be intercepted, interfered with or deleted without the knowledge of DBSI or the intended recipient. DBSI makes no warranties in relation to these matters. You agree that if it you consent to electronic delivery, you hereby



hold harmless and release DBSI from any and all direct and indirect losses, claims, demands, rights, actions, causes of action, expenses or liabilities arising directly or indirectly, and further agree to indemnify DBSI for any of the foregoing, arising directly or indirectly from the use or delivery of electronic documents; and

If at anytime and for any reason DBSI is unable or unwilling to deliver the selected Investor Materials electronically, DBSI will send you the Investor Materials by regular mail. Depending on the reason for any such delivery failure, DBSI may immediately suspend electronic delivery for the account and for Investor Materials enrolled under your username and/or e-mail address, resulting in physical delivery of new Investor Materials until such time that you revalidate your e-mail address. Furthermore, you understand that if DBSI is unable to send Investor Materials related to syndicate and follow-on offerings, which require electronic delivery of the preliminary prospectus, that you may not be able to ultimately participate in the offering.

After consenting to electronic delivery, you will receive selected Investor Materials electronically, unless you cancel your consent to electronic delivery. You may change your preference at any time by contacting DBSI in writing. Notwithstanding your consent to electronic delivery enrollment, you may continue to receive certain Investor Materials by physical delivery if they are not available in electronic format, or at DBSI's sole discretion.

As an authorized signatory for the above-referenced account, you hereby acknowledge to receiving the following Investor Materials electronically:

- Confirmations¹ and Statements (please provide DTC ID below, if known)
- Account Documentation (e.g., On-boarding Investor Materials, Notifications, and other Compliance materials)
- Prospectuses
- Other Shareholder Mailings (e.g., Proxy Voting Notices, Performance Materials, and other Shareholder materials)

I authorize the above Investor Materials to be sent electronically for the account which uses the email address below. Should there be a change and I am no longer able to review Investor Materials sent to the address below or no longer wish to review Investor Materials electronically, I will notify DBSI in writing immediately.

Signatory E-Mail Address (PRINT)

Name & Title of Authorized Signatory (PRINT)

Date

Signature of Authorized Signatory

DTC ID

Institutional Customer Name(s)

¹The SEC staff has granted specific no-action relief to DTC to permit its broker-dealer members to rely on confirmations delivered to institutions participating in the DTC institutional delivery ("ID") system in satisfaction of the broker-dealer's confirmation delivery obligations under Rule 10b-10. Under the DTC no-action relief, broker dealers provide DTC with all of the data necessary to generate a confirmation in accordance with Rule 10b-10, and DTC, in connection with its operation of the ID system, provides the information to the brokers-dealers' customers in the form of an ID confirmation. Under the circumstances, the broker-dealers need not provide duplicate confirmations to their customers. If at anytime you wish to change your preference it will be your obligation to notify DBSI.



**AUTHORIZATION & CONSENT TO
THE SUSPENSION OF ACCOUNT STATEMENTS**

Dear Client:

As an institutional customer with a Delivery versus Payment / Receive versus Payment (“DVP/RVP”) account, as designated below, at Deutsche Bank Securities Inc. (“DBSI”) and pursuant to FINRA Rule 2231, you may consent to not receive quarterly account statements, regardless of medium (hard copy, electronic or otherwise) from broker-dealers if: (1) such account is carried solely for the purpose of execution on a DVP/RVP basis; (2) all transactions effected for such account are done on a DVP/RVP basis in conformity with FINRA Rule 11860; (3) such account does not show security or money positions at the end of the quarter (other than positions of a temporary nature, such as those arising from fails to receive or deliver, errors, questioned trades, dividend or bond interest entries and other such similar transactions); (4) you consent to the suspension of such statements in writing and DBSI maintains such consent in a manner consistent with both FINRA Rule 3110 and Rule 17a-4 under the Securities and Exchange Act of 1934, as amended; (5) DBSI undertakes to provide any particular statements to you promptly upon request; and (6) DBSI undertakes to promptly reinstate the delivery of such statements to you upon request.

As the designated signatory for the account listed below, all other accounts that you, as an institutional customer, hold at DBSI or may open from time to time at DBSI (each, an “Account”), by signing below you hereby (i) consent to suspending receipt of quarterly account statements for the Account, (ii) authorize DBSI to suspend the delivery to you of such quarterly statements with respect to the Account until such time as you revoke such authorization, (iii) represent that the you are the duly authorized designated signatory to consent on behalf of the Account and each underlying account, and (iv) represent that you fully understand the requirements of the rules referenced herein. As the representative of the Account listed below, acting under due and proper authority, this authorization has been executed as of the date set forth below.

(Institutional Customer Name)

Signature: _____

Name: _____

Title: _____

Email Address: _____

Address: _____

Telephone Number: _____

Date: _____

EIN / Tax ID: _____

Account #: _____

Account Name[s] (Optional): _____