



## **Master Securities Lending Agreement for Interactive Brokers Singapore Pte Ltd Fully-Paid Lending Program**

This Master Securities Lending Agreement for Fully-Paid Lending ("Agreement") is entered into by and between Interactive Brokers Singapore Pte Ltd ("IB") and the undersigned party or parties ("Counterparty").

### **1. Applicability.**

From time to time the parties hereto may enter into transactions in which one party ("Lender") will lend to the other party ("Borrower") certain Securities (as defined herein) against a transfer of Collateral (as defined herein). Each such transaction shall be referred to herein as a "Loan" and, unless otherwise agreed in writing, shall be governed by this Agreement, including any supplemental terms or conditions contained in an Annex or Schedule hereto and in any other annexes identified herein or therein as applicable hereunder; provided however that Securities borrowed by Counterparty from IB, and Securities borrowed by IB from Counterparty, pursuant to a margin account agreement between IB and Counterparty shall not be subject to this Agreement. Capitalized terms not otherwise defined herein shall have the meanings provided in Section 24.

### **2. Loans of Securities.**

2.1. Subject to the terms and conditions of this Agreement, Borrower or Lender may, from time to time, seek to initiate a transaction in which Lender will lend Securities to Borrower. Borrower and Lender shall agree on the terms of each Loan (which terms may be amended during the Loan), including the issuer of the Securities, the amount of Securities to be lent, the basis of compensation, the amount of Collateral to be transferred by Borrower, and any additional terms. Such agreement shall be confirmed (a) by a schedule and receipt listing the Loaned Securities provided by Borrower to Lender in accordance with Section 3.2, (b) through any system that compares Loans and in which Borrower and Lender are participants, or (c) in such other manner as may be agreed by Borrower and Lender in writing. Such confirmation (the "Confirmation"), together with the Agreement, shall constitute conclusive evidence of the terms agreed between Borrower and Lender with respect to the Loan to

which the Confirmation relates, unless with respect to the Confirmation specific objection is made promptly after receipt thereof. In the event of any inconsistency between the terms of such Confirmation and this Agreement, this Agreement shall prevail unless each party has executed such Confirmation.

2.2. Notwithstanding any other provision in this Agreement regarding when a Loan commences, unless otherwise agreed, a Loan hereunder shall not occur until the Loaned Securities and the Collateral therefore have been transferred in accordance with Section 15.

### **3. Transfer of Loaned Securities.**

3.1. Unless otherwise agreed, Lender shall transfer Loaned Securities to Borrower hereunder on or before the Cutoff Time on the date agreed to by Borrower and Lender for the commencement of the Loan.

3.2. Unless otherwise agreed, Borrower shall provide Lender, for each Loan in which Lender is a Client, with a schedule and receipt listing the Loaned Securities. Such schedule and receipt may consist of (a) a schedule provided to Borrower by Lender and executed and returned by Borrower when the Loaned Securities are received, (b) in the case of Securities transferred through a Clearing Organization which provides transferors with a notice evidencing such transfer, such notice, or (c) a confirmation or other document provided to Lender by Borrower.

3.3. Notwithstanding any other provision in this Agreement, the parties hereto agree that they intend the Loans hereunder to be loans of Securities. If, however, any Loan is deemed to be a loan of money by Borrower to Lender, then Borrower shall have, and Lender shall be deemed to have granted, a security interest in the Loaned Securities and the proceeds thereof.

### **4. Collateral.**

4.1. Unless otherwise agreed, Borrower shall, prior to or concurrently with the transfer of the Loaned Securities to Borrower, but in no case later than the Close of Business on the day of such transfer, transfer to Lender Collateral with a Market Value at least equal to the Margin Percentage of the Market Value of the Loaned Securities.

- 4.2 Borrower shall be deemed to have transferred Collateral to Lender by crediting Lender's account carried by Borrower with Collateral with a Market Value at least equal to the Margin Percentage of the Market Value of the Loaned Securities. The Collateral transferred by Borrower to Lender, as adjusted pursuant to Section 9, shall be security for Borrower's obligations in respect of such Loan and for any other obligations of Borrower to Lender hereunder. Borrower hereby pledges with, assigns to, and grants Lender a continuing first priority security interest in, and a lien upon, the Collateral, which shall attach upon the transfer of the Loaned Securities by Lender to Borrower and which shall cease upon the transfer of the Loaned Securities by Borrower to Lender. Lender will be deemed to have transferred Loaned Securities to Borrower on the date Borrower treats such securities as having been borrowed pursuant and therefore not subject to (a) the client securities segregation requirements under the Securities and Futures (Licensing and Conduct of Business) Regulations OR (b) the general possession or control requirements of Exchange Act rule 15c3-3(b). Borrower will be deemed to have transferred Loaned Securities to Lender on the date Borrower treats such securities as (a) client securities segregated in accordance to the requirements under the Securities and Futures (Licensing and Conduct of Business) Regulations; OR (b) client securities subject to the general possession or control requirements of Exchange Act Rule 15c3-3(b), without giving effect to Exchange Act rule 15c3-3(b)(3), without regard to whether such securities are thereby returned to Lender or continue to be borrowed by Borrower pursuant to any hypothecation agreement between Lender and Borrower.
- 4.3. Except as otherwise provided herein, upon transfer to Lender of the Loaned Securities on the day a Loan is terminated pursuant to Section 6, Lender shall be obligated to transfer, and hereby authorizes Borrower to effect the transfer of, the Collateral (as adjusted pursuant to Section 9) to Borrower on such day or, if such day is not a day on which a transfer of such Collateral may be effected under Section 15, the next day on which such a transfer may be effected.
- 4.4. If Borrower transfers Collateral to Lender, as provided in Section 4.1, and Lender does not transfer the Loaned Securities to Borrower, Borrower shall have the absolute right to the return of the Collateral; and if Lender transfers Loaned Securities to Borrower and Borrower does not transfer Collateral to Lender as

provided in Section 4.1, Lender shall have the absolute right to the return of the Loaned Securities.

- 4.5. Borrower may, upon reasonable notice to Lender (taking into account all relevant factors, including industry practice, the type of Collateral to be substituted, and the applicable method of transfer), substitute Collateral for Collateral securing any Loan or Loans; provided, however, that such substituted Collateral shall (a) consist only of cash, securities or other property that Borrower and Lender agreed would be acceptable Collateral prior to the Loan or Loans and (b) have a Market Value such that the aggregate Market Value of such substituted Collateral, together with all other Collateral for Loans in which the party substituting such Collateral is acting as Borrower, shall equal or exceed the agreed upon Margin Percentage of the Market Value of the Loaned Securities.
- 4.6. In the event Borrower and Lender agree to a Loan of Securities collateralized by a Letter of Credit, in order to enable the Issuing Bank to identify Lender and issue the Letter of Credit in favour of Lender, Lender hereby agrees that Borrower may provide information in its possession concerning Lender's identity to the Issuing Bank. Prior to the expiration of any letter of credit supporting Borrower's obligations hereunder, Borrower shall, no later than the Extension Deadline, (a) obtain an extension of the expiration of such letter of credit, (b) replace such letter of credit by providing Lender with a substitute letter of credit in an amount at least equal to the amount of the letter of credit for which it is substituted, or (c) transfer such other Collateral to Lender as may be acceptable to Lender.

## **5. Income for Loan.**

- 5.1. Unless otherwise agreed, Borrower agrees to pay Lender interest on the cash Collateral securing each Loan ("Interest"), computed daily as further described in the Borrower's Important Characteristics and Risks of Participating in Borrower's Fully-Paid Securities Lending Program as it may be amended from time to time by Borrower. Interest on non-cash Collateral will be paid as agreed upon by the parties.
- 5.2. Unless otherwise agreed, Interest payable hereunder shall be payable within fifteen (15) Business Days following the last Business Day of the calendar month in which such Interest was incurred.

## **6. Termination of the Loan.**

- 6.1. Unless otherwise agreed, either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. Unless an earlier date is agreed by the Parties, the termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be (a) in the case of Government Securities, the next Business Day following such notice and (b) in the case of all other Securities, the third Business Day following such notice.
- 6.2. Notwithstanding paragraph 6.1 and unless otherwise agreed, Borrower may terminate a Loan on any Business Day, effective as of such Business Day, by transferring the Loaned Securities to Lender on such Business Day. Borrower will be deemed to have transferred Loaned Securities by the end of a Business Day if it treats such securities as (a) client securities segregated in accordance to the requirements under the Securities and Futures (Licensing and Conduct of Business) Regulations; OR (b) client securities subject to the general possession or control requirements of Exchange Act Rule 15c3-3(b), without giving effect to Exchange Act rule 15c3-3(b)(3), without regard to whether such securities are thereby returned to Lender or may continue to be borrowed by Borrower pursuant to any hypothecation agreement between Lender and Borrower.
- 6.3. The execution by Borrower of an order to sell the Loaned Securities by Lender shall constitute notice of termination by Lender to Borrower. The termination date established by such a sale of the Loaned Securities shall be the settlement date of such sale of the Loaned Securities or any earlier date on which Borrower is deemed to have transferred Loaned Securities to Lender under paragraph 6.3 of this Section.
- 6.4. Unless otherwise agreed, Borrower shall, on or before the Cutoff Time on the termination date of a Loan, transfer the Loaned Securities to Lender; provided, however, that upon such transfer by Borrower, Lender shall transfer the Collateral (as adjusted

pursuant to Section 9) to Borrower in accordance with Section 4.3.

**7. Rights in Respect of Loaned Securities and Collateral.**

Except as set forth in Sections 8.1 and 8.2 and as otherwise agreed by Borrower and Lender, until Loaned Securities are required to be redelivered to Lender upon termination of a Loan hereunder, Borrower shall have all of the incidents of ownership of the Loaned Securities, including the right to transfer the Loaned Securities to others. Lender hereby waives the right to vote, or to provide any consent or to take any similar action with respect to, the Loaned Securities in the event that the record date or deadline for such vote, consent or other action falls during the term of the Loan.

**8. Distributions.**

8.1. Lender shall be entitled to receive all Distributions made on or in respect of the Loaned Securities which are not otherwise received by Lender, to the full extent it would be so entitled if the Loaned Securities had not been lent to Borrower.

8.2. Any cash Distributions made on or in respect of the Loaned Securities, which Lender is entitled to receive pursuant to Section 8.1, shall be paid by the transfer of cash to Lender by Borrower, on the date any such Distribution is paid, in an amount equal to such cash Distribution, so long as Lender is not in Default at the time of such payment. Non-cash Distributions that Lender is entitled to receive pursuant to Section 8.1 shall be added to the Loaned Securities on the date of distribution and shall be considered such for all purposes, except that if the Loan has terminated, Borrower shall forthwith transfer the same to Lender.

8.3. Borrower shall be entitled to receive all Distributions made on or in respect of non-cash Collateral which are not otherwise received by Borrower, to the full extent it would be so entitled if the Collateral had not been transferred to Lender.

8.4. Any cash Distributions made on or in respect of such Collateral, which Borrower is entitled to receive pursuant to Section 8.3, shall be paid by the transfer of cash to Borrower by Lender, on the date any such Distribution is paid, in an amount equal to such cash Distribution, so long as Borrower is not in Default at the time of such payment. Non-cash Distributions that Borrower is entitled to receive pursuant to Section 8.3 shall be added to the Collateral on the date of distribution and shall be considered such for all

purposes, except that if each Loan secured by such Collateral has terminated, Lender shall forthwith transfer the same to Borrower.

8.5. Unless otherwise agreed by the parties:

- a. If (i) Borrower is required to make a payment (a "Borrower Payment") with respect to cash Distributions on Loaned Securities under Sections 8.1 and 8.2 ("Securities Distributions"), or (ii) Lender is required to make a payment (a "Lender Payment") with respect to cash Distributions on Collateral under Sections 8.3 and 8.4 ("Collateral Distributions"), and (iii) Borrower or Lender, as the case may be ("Payor"), shall be required by law to collect any withholding or other tax, duty, fee, levy or charge required to be deducted or withheld from such Borrower Payment or Lender Payment ("Tax"), then Payor shall (subject to subsections (b) and (c) below), pay such additional amounts as may be necessary in order that the net amount of the Borrower Payment or Lender Payment received by the Lender or Borrower, as the case may be ("Payee"), after payment of such Tax equals the net amount of the Securities Distribution or Collateral Distribution that would have been received if such Securities Distribution or Collateral Distribution had been paid directly to the Payee.
- b. No additional amounts shall be payable to a Payee under subsection (a) above to the extent that Tax would have been imposed on a Securities Distribution or Collateral Distribution paid directly to the Payee.
- c. No additional amounts shall be payable to a Payee under subsection (a) above to the extent that such Payee is entitled to an exemption from, or reduction in the rate of, Tax on a Borrower Payment or Lender Payment subject to the provision of a certificate or other documentation, but has failed timely to provide such certificate or other documentation.
- d. Each party hereto shall be deemed to represent that, as of the commencement of any Loan hereunder, no Tax would be imposed on any cash Distribution paid to it with respect to (i) Loaned Securities subject to a Loan in which it is acting as Lender or (ii) Collateral for any Loan in which it is acting as Borrower, unless such party has given notice to the contrary to the other party hereto (which notice shall specify the rate at which such Tax would be imposed). Each party agrees to notify the other of any change that occurs during the term of a Loan in the

rate of any Tax that would be imposed on any such cash distributions payable to it.

- 8.6. To the extent that, under the provisions of Sections 8.1 through 8.5, (a) a transfer of cash or other property by Borrower would give rise to a Margin Excess or (b) a transfer of cash or other property by Lender would give rise to a Margin Deficit, Borrower or Lender (as the case may be) shall not be obligated to make such transfer of cash or other property in accordance with such Sections, but shall in lieu of such transfer immediately credit the amounts that would have been transferable under such Sections to the account of Lender or Borrower (as the case may be).

**9. Mark to Market.**

- 9.1. If Lender is a Client, Borrower shall daily mark to market any Loan hereunder and in the event that at the Close of Trading on any Business Day the Market Value of the Collateral for any Loan to Borrower shall be less than 100% of the Market Value of all the outstanding Loaned Securities subject to such Loan, Borrower shall transfer additional Collateral no later than the Close of Business on the next Business Day so that the Market Value of such additional Collateral, when added to the Market Value of the other Collateral for such Loan, shall equal at least 100% of the Market Value of the Loaned Securities. As agreed by the parties or if Borrower determines in its discretion that applicable laws or market custom so require, Borrower may deposit additional collateral greater than 100% of the Market Value of the Loaned Securities.
- 9.2. In addition to any rights of Lender under Section 9.1, if at any time the aggregate Market Value of all Collateral for Loans by Lender shall be less than the Margin Percentage of the Market Value of all the outstanding Loaned Securities subject to such Loans (a "Margin Deficit"), Borrower shall transfer additional Collateral no later than the Close of Business on the next Business Day so that the Market Value of such additional Collateral, when added to the Market Value of the other Collateral for such Loan, shall equal or exceed the Margin Percentage of the Market Value of the Loaned Securities.
- 9.3. Subject to Borrower's obligations under Section 9.1, if at any time the Market Value of all Collateral for Loans to Borrower shall be greater than the Margin Percentage of the Market Value of all the outstanding Loaned Securities subject to such Loans (a "Margin



Excess"), Lender hereby authorizes Borrower to transfer to Borrower such amount of the Collateral selected by Borrower so that the Market Value of the Collateral for such Loans, after deduction of such amounts, shall thereupon not exceed the Margin Percentage of the Market Value of the Loaned Securities.

9.4. Borrower and Lender may agree, with respect to one or more Loans hereunder, to mark the values to market pursuant to Sections 9.2 and 9.3 by separately valuing the Loaned Securities lent and the Collateral given in respect thereof on a Loan-by-Loan basis.

9.5 Borrower and Lender may agree, with respect to any or all Loans hereunder, that the respective rights of Lender and Borrower under Sections 9.2 and 9.3 may be exercised only where a Margin Excess or Margin Deficit exceeds a specified dollar amount or a specified percentage of the Market Value of the Loaned Securities under such Loans (which amount or percentage shall be agreed to by Borrower and Lender prior to entering into any such Loans).

## **10. Representations.**

The parties to this Agreement hereby make the following representations and warranties, which shall continue during the term of any Loan hereunder:

10.1 Each party hereto represents and warrants that (a) it has the power to execute and deliver this Agreement, to enter into the Loans contemplated hereby and to perform its obligations hereunder, (b) it has taken all necessary action to authorize such execution, delivery and performance, and (c) this Agreement constitutes a legal, valid and binding obligation enforceable against it in accordance with its terms.

10.2 Each party hereto represents and warrants that it has not relied on the other for any tax or accounting advice concerning this Agreement and that it has made its own determination as to the tax and accounting treatment of any Loan and any dividends, remuneration or other funds received hereunder.

10.3 Each party hereto represents and warrants that it is acting for its own account unless it expressly specifies otherwise in writing and complies with Section 11(b).

10.4 To the extent applicable, Borrower represents and warrants that it has, or will have at the time of transfer of any Collateral, the right to grant a first priority security interest therein subject to the terms and conditions hereof.

10.5

a. Borrower represents and warrants that it (or the person to whom it relends the Loaned Securities) is borrowing or will borrow Loaned Securities that are Equity Securities for the purpose of making delivery of such Loaned Securities in the case of short sales, failure to receive securities required to be delivered, or as otherwise permitted pursuant to Regulation T and other relevant regulatory requirements as in effect from time to time.

b. Borrower and Lender may agree, that Borrower shall not be deemed to have made the representation or warranty in subsection (a) with respect to any Loan. By entering into any such agreement, Lender shall be deemed to have represented and warranted to Borrower (which representation and warranty shall be deemed to be repeated on each day during the term of the Loan) that Lender is either (i) an "exempted borrower" within the meaning of Regulation T or (ii) a member of a national securities exchange or a broker or dealer registered with the U.S. Securities and Exchange Commission that is entering into such Loan to finance its activities as a market maker or an underwriter.

10.6 Lender represents and warrants that it has, or will have at the time of transfer of any Loaned Securities, the right to transfer the Loaned Securities subject to the terms and conditions hereof.

**11. Covenants.**

Each party agrees either (a) to be liable as principal with respect to its obligations hereunder or (b) to execute and comply fully with the provisions of Annex I (the terms and conditions of which Annex are incorporated herein and made a part hereof).

**12. Events of Default.**

All Loans hereunder may, at the option of the non-defaulting party (which option shall be deemed to have been exercised immediately upon the occurrence of an Act of Insolvency), be terminated

immediately upon the occurrence of any one or more of the following events (individually, a "Default"):

- 12.1. if any Loaned Securities shall not be transferred to Lender upon termination of the Loan as required by Section 6;
- 12.2. if any Collateral shall not be transferred to Borrower upon termination of the Loan as required by Sections 4.3 and 6;
- 12.3. if either party shall fail to transfer Collateral as required by Section 9;
- 12.4. if either party (a) shall fail to transfer to the other party amounts in respect of Distributions required to be transferred by Section 8, (b) shall have been notified of such failure by the other party prior to the Close of Business on any day, and (c) shall not have cured such failure by the Cutoff Time on the next day after such Close of Business on which a transfer of cash may be effected in accordance with Section 15;
- 12.5. if an Act of Insolvency occurs with respect to either party;
- 12.6. if any representation made by either party in respect of this Agreement or any Loan or Loans hereunder shall be incorrect or untrue in any material respect during the term of any Loan hereunder;
- 12.7. if either party notifies the other of its inability to or its intention not to perform its obligations hereunder or otherwise disaffirms, rejects or repudiates any of its obligations hereunder; or
- 12.8. if either party (a) shall fail to perform any material obligation under this Agreement not specifically set forth in clauses 12.1 through 12.7, above, including but not limited to the payment of Interest as required by Section 5, and the payment of transfer taxes as required by Section 14, (b) shall have been notified of such failure by the other party prior to the Close of Business on any day, and (c) shall not have cured such failure by the Cutoff Time on the next day after such Close of Business on which a transfer of cash may be effected in accordance with Section 15.

The non-defaulting party shall (except upon the occurrence of an Act of Insolvency) give notice as promptly as practicable to the defaulting party of the exercise of its option to terminate all Loans hereunder pursuant to this Section 12.

### **13. Remedies.**

13.1. Upon the occurrence of a Default under Section 12 entitling Lender to terminate all Loans hereunder, Lender shall have the right, in addition to any other remedies provided herein, (a) to purchase a like amount of Loaned Securities ("Replacement Securities") in the principal market for such Loaned Securities in a commercially reasonable manner, (b) to sell any Collateral in the principal market for such Collateral in a commercially reasonable manner and (c) to apply and set off the Collateral and any proceeds thereof (including any amounts drawn under a letter of credit supporting any Loan) against the payment of the purchase price for such Replacement Securities and any amounts due to Lender under Sections 5, 8, 14 and 16. In the event that Lender shall exercise such rights, Borrower's obligation to return a like amount of the Loaned Securities shall terminate. Lender may similarly apply the Collateral and any proceeds thereof to any other obligation of Borrower under this Agreement, including Borrower's obligations with respect to Distributions paid to Borrower (and not forwarded to Lender) in respect of Loaned Securities. In the event that (i) the purchase price of Replacement Securities (plus all other amounts, if any, due to Lender hereunder) exceeds (ii) the amount of the Collateral, Borrower shall be liable to Lender for the amount of such excess together with interest thereon at a rate equal to (A) in the case of purchases of non-US Securities, LIBOR, (B) in the case of purchases of any US Securities (or other amounts, if any, due to Lender hereunder), the Federal Funds Rate or (C) such other rate as may be specified in Schedule B, in each case as such rate fluctuates from day to day, from the date of such purchase until the date of payment of such excess. As security for Borrower's obligation to pay such excess, Lender shall have, and Borrower hereby grants, a security interest in any property of Borrower then held by or for Lender and a right of setoff with respect to such property and any other amount payable by Lender to Borrower. The purchase price of Replacement Securities purchased under this Section 13.1 shall include, and the proceeds of any sale of Collateral shall be determined after deduction of, broker's fees and commissions and all other reasonable costs, fees and expenses related to such purchase or sale (as the case may be). In the event Lender exercises its rights under this Section 13.1, Lender may elect in its sole discretion, in lieu of purchasing all or a portion of the Replacement Securities or

selling all or a portion of the Collateral, to be deemed to have made, respectively, such purchase of Replacement Securities or sale of Collateral for an amount equal to the price therefor on the date of such exercise obtained from a generally recognized source or the last bid quotation from such a source at the most recent Close of Trading. Subject to Section 18, upon the satisfaction of all obligations hereunder, any remaining Collateral shall be returned to Borrower.

- 13.2. Upon the occurrence of a Default under Section 12 entitling Borrower to terminate all Loans hereunder, Borrower shall have the right, in addition to any other remedies provided herein, (a) to purchase a like amount of Collateral ("Replacement Collateral") in the principal market for such Collateral in a commercially reasonable manner, (b) to sell a like amount of the Loaned Securities in the principal market for such Loaned Securities in a commercially reasonable manner and (c) to apply and set off the Loaned Securities and any proceeds thereof against (i) the payment of the purchase price for such Replacement Collateral, (ii) Lender's obligation to return any cash or other Collateral, and (iii) any amounts due to Borrower under Sections 5, 8 and 16. In such event, Borrower may treat the Loaned Securities as its own and Lender's obligation to return a like amount of the Collateral shall terminate; provided, however, that Lender shall immediately return any letters of credit supporting any Loan upon the exercise or deemed exercise by Borrower of its termination rights under Section 12. Borrower may similarly apply the Loaned Securities and any proceeds thereof to any other obligation of Lender under this Agreement, including Lender's obligations with respect to Distributions paid to Lender (and not forwarded to Borrower) in respect of Collateral. In the event that (i) the sales price received from such Loaned Securities is less than (ii) the purchase price of Replacement Collateral (plus the amount of any cash or other Collateral not replaced by Borrower and all other amounts, if any, due to Borrower hereunder), Lender shall be liable to Borrower for the amount of any such deficiency, together with interest on such amounts at a rate equal to (A) in the case of Collateral consisting of non-US Securities, LIBOR, (B) in the case of Collateral consisting of any US Securities (or other amounts due, if any, to Borrower hereunder), the Federal Funds Rate or (C) such other rate as may be specified in Schedule B, in each case as such rate fluctuates from day to day, from the date of such sale until the

date of payment of such deficiency. As security for Lender's obligation to pay such deficiency, Borrower shall have, and Lender hereby grants, a security interest in any property of Lender then held by or for Borrower and a right of setoff with respect to such property and any other amount payable by Borrower to Lender. The purchase price of any Replacement Collateral purchased under this Section shall include, and the proceeds of any sale of Loaned Securities shall be determined after deduction of, broker's fees and commissions and all other reasonable costs, fees and expenses related to such purchase or sale (as the case may be). In the event Borrower exercises its rights under this Section 13.2, Borrower may elect in its sole discretion, in lieu of purchasing all or a portion of the Replacement Collateral or selling all or a portion of the Loaned Securities, to be deemed to have made, respectively, such purchase of Replacement Collateral or sale of Loaned Securities for an amount equal to the price therefor on the date of such exercise obtained from a generally recognized source or the last bid quotation from such a source at the most recent Close of Trading. Subject to Section 18, upon the satisfaction of all Lender's obligations hereunder, any remaining Loaned Securities (or remaining cash proceeds thereof) shall be returned to Lender.

- 13.3. Unless otherwise agreed, the parties acknowledge and agree that (a) the Loaned Securities and any Collateral consisting of Securities are of a type traded in a recognized market, (b) in the absence of a generally recognized source for prices or bid or offer quotations for any security, the non-defaulting party may establish the source therefor in its sole discretion, and (c) all prices and bid and offer quotations shall be increased to include accrued interest to the extent not already included therein (except to the extent contrary to market practice with respect to the relevant Securities).
- 13.4. In addition to its rights hereunder, the non-defaulting party shall have any rights otherwise available to it under any other agreement or applicable law. In addition to any other remedies to which a non-defaulting party may be entitled under the Agreement, the defaulting party shall, with respect to an individual Loan or with respect to a class of Loans, be liable to the non-defaulting party for (a) the amount of all reasonable legal or other expenses incurred by the non-defaulting party in connection with or as a result of a Default, (b) damages in an

amount equal to the cost (including all payments, expenses and commissions) of entering into replacement transactions and entering into or terminating hedge transactions in connection with or as a result of a Default, and (c) any other loss, damage, cost or expense directly arising or resulting from the occurrence of a Default in respect of a Loan.

#### **14. Transfer Taxes.**

All transfer taxes with respect to the transfer of the Loaned Securities by Lender to Borrower and by Borrower to Lender upon termination of the Loan and with respect to the transfer of Collateral by Borrower to Lender and by Lender to Borrower upon termination of the Loan or pursuant to Section 4.5 or Section 9 shall be paid by Borrower.

#### **15. Transfers.**

15.1. All transfers of cash hereunder shall be by (a) wire transfer in immediately available, freely transferable funds, (b) crediting Lender's account carried by Borrower or (c) such other means as Borrower and Lender may agree.

15.2. All transfers of letters of credit from Borrower to Lender shall be made by physical delivery to Lender of an irrevocable letter of credit issued by a "bank" as defined in Section 3(a)(6)(A)-(C) of the Exchange Act. Transfers of letters of credit from Lender to Borrower shall be made by causing such letters of credit to be returned or by causing the amount of such letters of credit to be reduced to the amount required after such transfer.

15.3. A transfer of Securities, cash or letters of credit may be effected under this Section 15 on any day except (a) a day on which the transferee is closed for business at its primary place of business or (b) a day on which a Clearing Organization or wire transfer system is closed, if the facilities of such Clearing Organization or wire transfer system are required to effect such transfer.

#### **16. Contractual Currency.**

16.1. Borrower and Lender agree that (a) any payment in respect of a Distribution under Section 8 shall be made in the currency in which the underlying Distribution of cash was made, (b) any return of cash shall be made in the currency in which the underlying transfer of cash was made, and (c) any other payment of cash in connection with a Loan under this

Agreement shall be in the currency agreed upon by Borrower and Lender in connection with such Loan (the currency established under clause(a), (b) or (c) hereinafter referred to as the "Contractual Currency"). Notwithstanding the foregoing, the payee of any such payment may, at its option, accept tender thereof in any other currency; provided, however, that, to the extent permitted by applicable law, the obligation of the payor to make such payment will be discharged only to the extent of the amount of Contractual Currency that such payee may, consistent with normal banking procedures, purchase with such other currency (after deduction of any premium and costs of exchange) on the banking day next succeeding its receipt of such currency.

16.2. If for any reason the amount in the Contractual Currency received under Section 16.1, including amounts received after conversion of any recovery under any judgment or order expressed in a currency other than the Contractual Currency, falls short of the amount in the Contractual Currency due in respect of this Agreement, the party required to make the payment will (unless a Default has occurred and such party is the non-defaulting party) as a separate and independent obligation and to the extent permitted by applicable law, immediately pay such additional amount in the Contractual Currency as may be necessary to compensate for the shortfall.

16.3. If for any reason the amount in the Contractual Currency received under Section 16.1 exceeds the amount in the Contractual Currency due in respect of this Agreement, then the party receiving the payment will (unless a Default has occurred and such party is the non-defaulting party) refund promptly the amount of such excess.

## **17. Single Agreement**

Borrower and Lender acknowledge that, and have entered into this Agreement in reliance on the fact that, all Loans hereunder constitute a single business and contractual relationship and have been entered into in consideration of each other. Accordingly, Borrower and Lender hereby agree that payments, deliveries and other transfers made by either of them in respect of any Loan shall be deemed to have been made in consideration of payments, deliveries and other transfers in respect of any other Loan hereunder, and the obligations to make any such payments, deliveries and other transfers may be applied against each other and netted. In addition, Borrower and Lender acknowledge



that, and have entered into this Agreement in reliance on the fact that, all Loans hereunder have been entered into in consideration of each other. Accordingly, Borrower and Lender hereby agree that (a) each shall perform all of its obligations in respect of each Loan hereunder, and that a default in the performance of any such obligation by Borrower or by Lender (the "Defaulting Party") in any Loan hereunder shall constitute a default by the Defaulting Party under all such Loans hereunder, and (b) the non-defaulting party shall be entitled to set off claims and apply property held by it in respect of any Loan hereunder against obligations owing to it in respect of any other Loan with the Defaulting Party.

**18. APPLICABLE LAW**

THIS AGREEMENT SHALL BE GOVERNED AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF SINGAPORE WITHOUT GIVING EFFECT TO THE CONFLICT OF LAW OR PRINCIPLES THEREOF.

**19. Waiver.**

The failure of a party to this Agreement to insist upon strict adherence to any term of this Agreement on any occasion shall not be considered a waiver or deprive that party of the right thereafter to insist upon strict adherence to that term or any other term of this Agreement. All waivers in respect of a Default must be in writing.

**20. Survival of Remedies.**

All remedies hereunder and all obligations with respect to any Loan shall survive the termination of the relevant Loan, return of Loaned Securities or Collateral and termination of this Agreement.

**21. Notices and Other Communications.**

Any and all notices, statements, demands or other communications hereunder may be given by IB to the undersigned party by telephone, mail, facsimile, e-mail, electronic message, telegraph, messenger or otherwise at the phone and facsimile numbers provided by the undersigned party and maintained by IB in its books and records for such party. Any and all notices, statements, demands or other communications here under may be given by the undersigned party to IB in writing electronically via the secure electronic message centre maintained by IB for the account of the undersigned party. Any notice, statement, demand or other communication hereunder will be deemed effective on the day and at the time on which it is received or, if not received, on the day and at the time on which its delivery was in good faith attempted; provided, however, that any notice by a party to the

other party by telephone shall be deemed effective only if (a) such notice is followed by written confirmation thereof and (b) at least one of the other means of providing notice that are specifically listed above has previously been attempted in good faith by the notifying party.

**22. MANDATORY ARBITRATION.**

THE PARTIES HEREBY AGREE THAT ANY DISPUTE, CONTROVERSY OR CLAIM BETWEEN THE PARTIES ARISING OUT OF THIS AGREEMENT OR ANY LOAN HEREUNDER SHALL BE SUBJECT TO THE MANDATORY ARBITRATION PROVISION CONTAINED IN ANY CLIENT AGREEMENT ENTERED INTO BETWEEN SUCH PARTIES.

**23. Miscellaneous.**

23.1 Except as specified in Section 1 or as otherwise agreed by the parties, this Agreement supersedes any other agreement between the parties hereto concerning loans of Securities between Borrower and Lender. This Agreement shall not be assigned by either party without the prior written consent of the other party and any attempted assignment without such consent shall be null and void. Subject to the foregoing, this Agreement shall be binding upon and shall inure to the benefit of Borrower and Lender and their respective heirs, representatives, successors and assigns. This Agreement may be terminated by either party upon notice to the other, subject only to fulfillment of any obligations then outstanding. This Agreement shall not be modified, except by an instrument in writing signed by the party against whom enforcement is sought. The parties hereto acknowledge and agree that, in connection with this Agreement and each Loan hereunder, time is of the essence. Each provision and agreement herein shall be treated as separate and independent from any other provision herein and shall be enforceable notwithstanding the unenforceability of any such other provision or agreement.

23.2 Any agreement between Borrower and Lender pursuant to Section 10.5(b) or Section 24.29 shall be made (a) in writing, (b) orally, if confirmed promptly in writing or through any system that compares Loans and in which Borrower and Lender are participants, or (c) in such other manner as may be agreed by Borrower and Lender in writing

**24. Definitions.**

For the purposes hereof:

- 24.1. "Act of Insolvency" shall mean, with respect to any party, (a) making a general assignment for the benefit of, or entering into a reorganization, arrangement, or composition with creditors; (b) stating in writing that it is unable to pay its debts as they become due; (c) seeking, consenting to or acquiescing in the appointment of any trustee, administrator, receiver or liquidator or analogous officer of it or any material part of its property; (d) the presentation or filing of a petition in respect of it (other than by the other Party to this Agreement in respect of any obligation under this Agreement) in any court or before any agency alleging or for the bankruptcy, winding-up or insolvency of such Party (or any analogous proceeding) or seeking any reorganization, arrangement, composition, re-adjustment, administration, liquidation, dissolution or similar relief under any present or future statute, law or regulation, such petition not having been stayed or dismissed within 30 days of its filing (except in the case of a petition for winding-up or any analogous proceeding in respect of which no such 30 day period shall apply); (e) the appointment of a receiver, administrator, liquidator or trustee or analogous officer of such Party over all or any material part of such Party's property; (f) the convening of any meeting of its creditors for the purpose of considering a voluntary arrangement as referred to in Section 296 of the Companies Act (Chapter 50) (or any analogous proceeding).
- 24.2. "Borrower" shall have the meaning assigned in Section 1.
- 24.3. "Borrower Payment" shall have the meaning assigned in Section 8.5(a).
- 24.4. "Business Day" shall mean, with respect to any Loan hereunder, a day on which regular trading occurs in the principal market for the Loaned Securities subject to such Loan, provided, however, that for purposes of determining the Market Value of any Securities hereunder, such term shall mean a day on which regular trading occurs in the principal market for the Securities whose value is being determined. Notwithstanding the foregoing, (a) for purposes of Section 9, "Business Day" shall mean any day on which regular trading occurs in the principal market for any Loaned Securities or for any Collateral consisting of Securities under any outstanding Loan hereunder and "next Business Day" shall mean the next day on which a transfer of Collateral may be effected in

accordance with Section 15, and (b) in no event shall a Saturday or Sunday be considered a Business Day.

- 24.5. "Clearing Organization" shall mean (a) The Hong Kong Securities Clearing Company Limited or, if agreed to by Borrower and Lender, such other "Associated Entities" (within the meaning of the Hong Kong Securities and Futures Ordinance) at which Borrower (or Borrower's agent) and Lender (or Lender's agent) maintain accounts or (b) The Depository Trust Company of the United States of America's Central Securities Depository, or, if agreed to by Borrower and Lender, such other "securities intermediary" (within the meaning of the UCC) at which Borrower (or Borrower's agent) and Lender (or Lender's agent) maintain accounts.
- 24.6. "Close of Business" shall mean the time at which the relevant banks, securities settlement systems or depositories close in the business centre in which payment is to be made or Securities or Collateral is to be delivered, unless otherwise agreed by the parties.
- 24.7. "Close of Trading" shall mean, with respect to any Security, the end of the primary trading session established by the principal market for such Security on a Business Day, unless otherwise agreed by the parties.
- 24.8. "Collateral" shall mean, whether now owned or hereafter acquired and to the extent permitted by applicable law, (a) cash, (b) US Treasury Bills and Notes, (c) any property which Borrower and Lender agree prior to the Loan shall be acceptable collateral and which is transferred to Lender pursuant to Sections 4 or 9 (including as collateral, for definitional purposes, any letters of credit mutually acceptable to Lender and Borrower), (d) any property substituted therefor pursuant to Section 4.5, (e) all accounts in which such property is deposited and all securities and the like in which any cash collateral is invested or reinvested, and (f) any proceeds of any of the foregoing; provided, however, that if any new or different Security shall be exchanged for any Collateral by recapitalization, merger, consolidation or other corporate action, such new or different Security shall, effective upon such exchange, be deemed to become Collateral in substitution for the former Collateral for which such exchange is made. For purposes of return of Collateral by Lender or purchase or sale

of Securities pursuant to Section 13, such term shall include Securities of the same issuer, class and quantity as the Collateral initially transferred by Borrower to Lender, as adjusted pursuant to the preceding sentence.

- 24.9. "Collateral Distributions" shall have the meaning assigned in Section 8.5(a).
- 24.10. "Confirmation" shall have the meaning assigned in Section 2.1.
- 24.11. "Contractual Currency" shall have the meaning assigned in Section 16.1.
- 24.12. "Client" shall mean any person that is a client of Borrower.
- 24.13. "Cutoff Time" shall mean a time on a Business Day by which a transfer of cash, securities or other property must be made by Borrower or Lender to the other, as shall be agreed by Borrower and Lender in Schedule B, or shall be as specified in the policies and procedures described on IB's website or as agreed otherwise orally or in writing or, in the absence of the above, as shall be determined in accordance with market practice.
- 24.14. "Default" shall have the meaning assigned in Section 12.
- 24.15. "Defaulting Party" shall have the meaning assigned in Section 17.
- 24.16. "Distribution" shall mean, with respect to any Security at any time, any distribution made on or in respect of such Security, including, but not limited to: (a) cash and all other property, (b) stock dividends, (c) Securities received as a result of split ups of such Security and distributions in respect thereof, (d) interest payments, (e) all rights to purchase additional Securities, and (f) any cash or other consideration paid or provided by the issuer of such Security in exchange for any vote, consent or the taking of any similar action in respect of such Security (regardless of whether the record date for such vote, consent or other action falls during the term of the Loan). In the event that the holder of a Security is entitled to elect the type of distribution to be received from two or more alternatives, such election shall be made by Lender, in the case of a Distribution

in respect of the Loaned Securities, and by Borrower, in the case of a Distribution in respect of Collateral.

24.17. "Exchange Act" shall mean the United States of America Securities Exchange Act of 1934, as amended.

24.18. "Extension Deadline" shall mean, with respect to a letter of credit, the Cutoff Time on the Business Day preceding the day on which the letter of credit expires.

24.19. "Federal Funds Rate" shall mean the rate of interest (expressed as an annual rate), as published in Federal Reserve Statistical Release H.15 (519) or any publication substituted therefor, charged for federal funds (dollars in immediately available funds borrowed by banks on an overnight unsecured basis) on that day or, if that day is not a banking day in New York City, on the next preceding banking day.

24.20. "Interest" shall have the meaning assigned in Section 5.1.

24.21. "Lender" shall have the meaning assigned in Section 1.

24.22. "Lender Payment" shall have the meaning assigned in Section 8.5(a).

24.23. "LIBOR" shall mean for any date, the offered rate for deposits in U.S. dollars for a period of three months which appears on the Reuters Screen LIBOR page as of 11:00 a.m., London time, on such date (or, if at least two such rates appear, the arithmetic mean of such rates).

24.24. "Loan" shall have the meaning assigned in Section 1.

24.25. "Loaned Security" shall mean any Security transferred in a Loan hereunder until such Security (or an identical Security) is transferred back to Lender hereunder, except that, if any new or different Security shall be exchanged for any Loaned Security by recapitalization, merger, consolidation or other corporate action, such new or different Security shall, effective upon such exchange, be deemed to become a Loaned Security in substitution for the former Loaned Security for which such exchange is made. For purposes of return of Loaned Securities by Borrower or purchase or sale of Securities pursuant to Section 13, such term shall include Securities of the same

issuer, class and quantity as the Loaned Securities, as adjusted pursuant to the preceding sentence.

- 24.26. "Margin Deficit" shall have the meaning assigned in Section 9.2.
- 24.27. "Margin Excess" shall have the meaning assigned in Section 9.3.
- 24.28. "Margin Notice Deadline" shall mean the time agreed to by the parties in the relevant Confirmation, Schedule B hereto or otherwise as the deadline for giving notice requiring same-day satisfaction of mark-to-market obligations as provided in Section 9 hereof (or, in the absence of any such agreement, the deadline for such purposes established in accordance with market practice).
- 24.29. "Margin Percentage" shall mean, with respect to any Loan as of any date, 100%, unless (a) Borrower and Lender agree otherwise, as provided in Section 23.2, or Borrower in its discretion determines that applicable laws or market custom require GREATER THAN 100% and (b) Lender is not a Client. Notwithstanding the previous sentence, in the event that the writing or other confirmation evidencing the agreement described in clause (a) does not set out such percentage with respect to any such Loan, the Margin Percentage shall not be a percentage less than the percentage obtained by dividing (i) the Market Value of the Collateral required to be transferred by Borrower to Lender with respect to such Loan at the commencement of the Loan by (ii) the Market Value of the Loaned Securities required to be transferred by Lender to Borrower at the commencement of the Loan.
- 24.30. "Market Value" shall have the meaning set forth in Annex II or otherwise agreed to by Borrower and Lender in writing. Notwithstanding the previous sentence, in the event that the meaning of Market Value has not been set forth in Annex II or in any other writing, as described in the previous sentence, Market Value shall be reasonably determined by IB in accordance with its standard practices for valuing Securities. The determinations of Market Value provided for in Annex II or in any other writing described in this Section 24.33 shall apply for all purposes under this Agreement, except for purposes of Section 13.

- 24.31. "Payee" shall have the meaning assigned in Section 8.5(a).
- 24.32. "Payor" shall have the meaning assigned in Section 8.5(a).
- 24.33. "Regulation T" shall mean Regulation T of the Board of Governors of the Federal Reserve System, as in effect from time to time.
- 24.34. "Retransfer" shall mean, with respect to any Collateral, to pledge, re-pledge, hypothecate, re-hypothecate, lend, relend, sell or otherwise transfer such Collateral, or to re-register any such Collateral evidenced by physical certificates in any name other than Borrower's.
- 24.35. "Securities" shall mean securities or, if agreed by the parties in writing, other assets.
- 24.36. "Securities and Futures Ordinance" shall mean the Securities and Futures Ordinance (Cap 571, Laws of Hong Kong) as amended.
- 24.37. "Securities Distributions" shall have the meaning assigned in Section 8.5(a).
- 24.38. "Tax" shall have the meaning assigned in Section 8.5(a).
- 24.39. "UCC" shall mean the New York Uniform Commercial Code.

**With reference to the Annexes and Schedules of the 2017 Master Securities Loan Agreement from the Securities Industry and Financial Markets Association**

**Annex I-A**

"Party acting as Agent" hereby does not apply.

**Annex II**

Market Value  
Shall not apply

**Annex III**

Term Loans  
Shall not apply



**Schedule A**

Names and Addresses for Communications Between Parties  
Shall not apply

**Schedule B**

Defined Terms and Supplemental Provisions  
None.