

Standing Instructions for Derivatives Collateral Transfers and Margin Loan

By signing below, the undersigned has elected to authorize, direct, and empower JPMorgan Chase Bank, N.A., J.P. Morgan Securities LLC, and J.P. Morgan Clearing Corp. (collectively, with their respective affiliates, "J.P. Morgan") to take the following actions on the undersigned's behalf, which J.P. Morgan may do, but is not obligated to do, and to make adjustments for any erroneous entries.

Transfer of Cash to Satisfy Margin Calls

- A. (Mandatory if Client is trading)** In the event that the undersigned is required to pledge additional cash (a "Derivatives Margin Call") to secure the undersigned's obligations of payment or performance, whether joint or several, contingent or otherwise, that the undersigned has to any J.P. Morgan entity for transactions entered into pursuant to the *Client Agreement* and the *OTC Addendum*, the *ISDA Master Agreement* and any amendments, modifications, restatements, supplements, addenda, or similar documentation delivered in connection therewith (collectively, "Derivatives Obligations"), J.P. Morgan is authorized, without notice to the undersigned, to debit such amounts and transfer such cash from the undersigned's J.P. Morgan account noted below ("Asset With Brokerage Derivatives Account") determined by J.P. Morgan to be necessary to satisfy any such Derivatives Margin Call.

Asset With Brokerage Derivatives Account Information (sub-account):

- This authorization is for the undersigned's existing account
- This authorization is for an account that will be established by the undersigned in connection with the execution of this authorization. The undersigned hereby agrees that upon the account's establishment and the assignment of an account number, J.P. Morgan will send the undersigned a confirmation statement verifying the account's establishment, the account number, and that this authorization applies to the account.

Return of Excess Margin

- B. (Mandatory if the Client is trading)** In the event that the cash pledged by the undersigned to J.P. Morgan to secure the undersigned's Derivatives Obligations (collectively, "Derivatives Collateral") on any day exceeds the aggregate amount of the undersigned's Derivatives Obligations to the J.P. Morgan entity(ies) that is/are a party to such Derivatives Obligations, J.P. Morgan is authorized, without notice to the undersigned, to transfer such excess Derivatives Collateral to the undersigned's Asset With Brokerage Derivatives Account.

Further, by checking the boxes below, the undersigned has elected to authorize, direct, and empower J.P. Morgan to take the following additional actions on the undersigned's behalf, which J.P. Morgan may do, but is not obligated to do, and to make adjustments for any erroneous entries: