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J.P. Morgan Entity Account Application 417 Fri102.45 J.P.Morgan

A. Entity Information

Type of Business CONSULTING

Date of Incorporation/Organization 11/18/2011 Country of Incorporation/-  
Organization ST THOMAS, VIRGIN ISLANDS

Primary Authorized Contact Pergn RICHARD KAHN

Mailing Address 4

. (2100 ect Reck 00.04et i33

City Si -Th\$444.5 .unt, 11-5 zip 002)0A- /316

Email Address

B. Account Information

Title of account/Name of business: SOUTHERN TRUST COMPANY, INC.

Ca Corporation  Partnership  PIC/PHC  Sole Proprietorship  Endowment

Foundation  Limited Liability  Limited Liability

Is the entity Non Profit?  Yes Cornpany Partnership

I have applied to open the following accounts:

8 Checking Account  Money Market Deposit Account/Savings  Investment

Management/Third Party Manager/

J.P. Morgan Alpha Program (discretionary),

kil Asset/Brokerage Cl Asset/Custody

I hereby apply for a Line of Credit linked to my Asset Account  Yes\* (U-1

form will be required) Cl No

\*Please be advised that if you have another account with the same feature,  
this is not applicable

Automatic Sweep (Applicable only to Asset or Asset with Brokerage Accounts):

As further described in the Asset Account Agreement,

uninvested cash balances and new cash deposits will be transferred

automatically to a Deposit Sweep.

Account Tax Cost Methodology: High Cost  Long Term High Cost  FIFO  Low  
Cost Cl Average Cost

If the Account Tax Cost Methodology is not Average Cost, you may still have  
Average Cost applied to the following by

Selecting one of the options:  Mutual Funds Only CI Dividend Reinvestment  
Plan (ORP) Only  Mutual Funds & ORP  None

Each account I open, and each subaccount opened under such account from time  
to time, are subject to the security interest  
previsions in the Agreement (as defined below in "D. Agreement") and are  
pledged as Collateral for all my Obligations.

(C).101::71%Wit)

Is this a privately held operating company in which any one person or entity  
has 25% or more of the ownership interest?

F X Yes (complete owner information below)  No

1 j.5,...1

Controlling Owner (Primary) j ei key C• eprir4

% of Ownership /00%

i. r ." a' ..9 . . . . . r • tibl YU '2'01

Date of Birth: AR

dd yyyy Passport Number

Controlling Owner % of Ownership

Date of Birth: E00  
mm dd Y Y V Passport Number  
Controlling Owner % of Ownership  
Date of Birth:Li 17  
mm d d OLEO  
Y Y Y Y Passport Number  
Controlling Owner leo of Ownership  
Date of Birth:  
LJ

•  
fit 171 d d LII  
Y Y Y Y Passport Number  
D. Agreement

I have read, understand and agree to this application and either the General Terms for Accounts and Services and the applicable or, for Commercial Checking only, the Account Terms (in each case, our "Agreement"). The Agreement, with amendments from time to time, generally will apply to any future account, product or service that we agree upon orally, electronically or otherwise, although certain accounts, products or services may require additional documentation. This Agreement (including this application) is a security agreement under Article 9 of the Uniform Commercial Code, as amended from time to time. I have read and consent to the terms of J.P. Morgan's Private Bank and Private Wealth Management Privacy Notice, including the manner in which my Information is received and used, and that upon opening an account with J.P. Morgan's Private Bank or Private Wealth Management (together described as the "Private Banking Business" in the Notice) my information will be used by one or more members of the Private Banking Business' family Of companies (as listed in the Notice) in order to make available to me the products and services available through the Private Banking Business.

J.P. Morgan Use Only Title SPN CAS  
1 of 2 Banker/Investor 8/12 1060  
J.P. Morgan Entity Account Application J.P.Morgan

E. Signature  
All authorized signers are required to sign below unless the entity's governing documents permit otherwise. Please note: any changes not initialed by you, or any information that remains missing on these forms will cause a delay in opening your account and may require us to send the application back to you.

i=> DARREN K. INDYKE

iDate Print Name  
,216/170/3

JEFFREY E. EPSTEIN

{Da Print Name

Signature Date Print Name

Signature Date Print Name

J.P. Morgan Use Only Title SPN CAS

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J.P. Morgan Entity Resolution Form J.P Morgan

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, the Secretary (or duly authorized officer) or SLARRLIERN TRUST COMPANY, INC.

the "Entity") duly organized under the laws of ST T1-10MAS, V, I. hereby certify that the following is a true and complete copy of the resolutions adopted by the governing body of the Entity by written consent or at a meeting held on the 14th day of NOVEMBER 20 11

, at which a quorum of the governing body was present and voting and that these resolutions have not been rescinded or modified and are now in full force and effect. Unless J.P. Morgan is notified in writing, the authorities granted herein will supersede all prior authorities granted to authorized signers for the Resolutions and Products (e.g., Banking, Custody, Investment Management, Brokerage, Credit) which you are currently selecting

A. Authorized Signers

in this space, please list, by names or titles, the persons authorized to sign, act, or delegate to others pursuant to the resolutions indicated below (signers must be identified in each resolution as passed). Also, each signer may act singly unless the box labeled "jointly" is checked which means that any two signers must act jointly, except authorized persons shall always act singly for check signing and brokerage trading transactions.

Print

Name/TITLE DARREN K. !NOVICE

Manner of Sign Singly

Signing  Jointly

DOB: nn

Signature

Specimen

Special Instructions

119, q5

dd yyy

Print

Name/TITLE JEFFREY E. EPVEIN

Manner of Sign Singly

Signing  Jointly Special Instructions

2400X4N, NI city of Birth 4A) 6Ctfoi\_i

, Phone

DOB: lJjiE

Signature

Specimen

Jointly

City of Birth

  
Print Signature

Name/TITLE Specimen

Manner of Sign Singly

Signing  Jointly Special Instructions

DOB: Do. i

Signature

YYYY City of Birth Phone

Print

Nameritie

Mariner V r\_j Singly

Signing 0 Jointly Special Instructions

1 1. mrr

ram d d Y Y Signature

Specimen

City of Birth Phone

\*A photocopy of a current driver's license, passport or another government  
Issued ID and Social Security number are

required for each signer listed above,

Please check the line to the left of any one or more of the following  
resolutions which have been adopted. If the line to

the left of any particular lettered subdivision is not checked, that  
resolution has not been adopted. Chase Private Client

may adorn Banking, Custody, and Credit services through Chase Retail  
Financial Services. Chase Private Client

brokerage accounts are with CISC.

B. Banking and Custody

X 1. RESOLVED, that the individuals identified above are authorized to enter  
into deposit and custody accounts with J.P. Morgan

Chase Bank or a Morgan Affiliate (Individually or collectively, 'JP.

Morgan') and any successors or assigns designating J.P. Morgan

as a depository of the funds and custodian of the securities of the Entity  
and to act on behalf of the Entity in all respects regarding

the Entity's banking and custody accounts and related or linked credit  
products and any related pledges thereto with J.P. Morgan as

they in their discretion determine.

C. Investment Management

X 2. RESOLVED, that the persons specified above are authorized, in the name  
and on behalf of the Entity to execute an

investment management agreement designating JP. Morgan as the Entity's  
Investment manager, to deliver or modify any asset

allocation guideline, mandate, or other instruction, and to act on behalf of  
the Entity in all respects regarding the Entity's investment

management accounts with JP. Morgan.

JP. Morgan Use Only Title SPN CAS

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J.P. Morgan Entity Resolution Form J.P.Morgan

D. Brokerage

X 3. RESOLVED, that those persons identified above are authorized in the  
name and on behalf of the Entity to execute a

brokerage agreement with J.P. Morgan Securities LLC and any successors or  
assigns; to purchase on margin or otherwise and borrow

(on a secured or unsecured basis) from, sell (including short sales in a  
margin account), and lend (on a secured or unsecured basis)

to, and to otherwise enter into transactions of any kind with JP. Morgan  
with respect to any and all securities and financial

instruments whatsoever in which J.P. Morgan may deal, broker or act as  
counterparty from time to time; to enter into any derivative

transactions with respect to the foregoing, including over the counter equity derivatives and structured transactions (including, but not limited to options, swaps, collars, caps and floors); pledge any funds or instruments for the purposes of securing the Entity's obligations with respect to the foregoing to establish and operate one or more brokerage or other accounts in connection with foregoing activities and transactions; and, to act on behalf of the Entity in all respects regarding the Entity's brokerage accounts.

#### E. Credit

4. RESOLVED, that the persons specified above are authorized in the name and on behalf of the Entity: to borrow from time to time from J.P. Morgan sums of money, for periods of time and upon terms as may to them In their discretion seem advisable; to execute notes or other obligations to evidence borrowings; to enter into agreements with respect to borrowings, to discount with Morgan any bills or notes receivable held by the Entity upon such terms as they may deem proper; to apply for and obtain letters of credit and to execute applications, agreements, trust receipts and all other documents in connection therewith; to execute and deliver, in their discretion, any guarantee, indemnity agreement or undertakings deemed necessary or advisable to carry out the purpose and intent of the foregoing resolutions; to pledge any of the assets or property of the Entity, for the purpose of securing any of the foregoing transactions or any transaction entered into by any other entity or personal and, to endorse securities and/or to issue appropriate powers of attorney, documents or assignments in furtherance thereof.

#### F. General

X 5. RESOLVED, that those individuals identified in above, acting in the manner specified therein, are authorized to delegate the authority granted under the foregoing resolutions to any other person by written appointment submitted to IF. Morgan and any such appointment shall remain in full force and effect until LP. Morgan shall receive written notice to the contrary from the Entity

x 6. RESOLVED, that any transaction of the type authorized by the preceding resolutions which has been taken are hereby in all respects approved, confirmed and ratified; and

x 7. RESOLVED, that any resolution certified to ).P. Morgan by the Secretary, or other duly appointed officer of the Entity shall remain in full force and effect until I.P. Morgan shall receive certification of a subsequent resolution amending, superseding or revoking it.

x 8. RESOLVED, any persons authorized to act by the preceding resolutions may utilize the Web site provided by IF. Morgan (the "Site") via the Internet 24 hours a day, seven days a week to act in the manner indicated in this resolution provided the functionality Is available via the Site. Transactions requiring more than one signature to complete will not be available via the Site. Site usage by any Authorized Person is subject to the Web site agreements and disclosures available on the Web site, or via hard copy at your request.

G. Certification of Incumbency (Partnerships should not complete)  
The following certificate of incumbency must be completed when the authorized signers are identified by title only. I also certify that the following are officers of the Entity elected or appointed until their successors are elected or appointed and that you shall be entitled to rely upon their continued incumbency and empowerment to act for the Entity until you have been furnished with a duly certified notice to the contrary:

Print Name Print Title  
Print Name Print Title  
Print Name Print Title  
Print Name Print Title

H. Signature (Partnership)

Signatures of all general partners (type or print names next to signatures)  
Signature Print Name and Title • Date  
Signature Print Name and Title Date

I. Signature (Entities other than Partnerships)

IN WITNESS OF WHICH I have set my hand as Secretary (or other duly authorized officer) of this Entity on this the: . ' " • ' = ; day of  
reDfdakj 20 )3 •

Signature K.svd(ike, 5ecuM9 2ki.20/3  
Print.Nerne,arid:Title Date

LP, Morgan Use Only Title SPN CAS  
Page 2 of 2 Banker/Investor 6/12 049  
Form W9

Request for Taxpayer Give Form to the  
(Rev. December 2011) identification Number and Certification requester. Do not

Department of the Treasury send to the IRS.  
Internal Revenue Service

Name (as shown on your Income tax return)

. Business name/disregarded entity name. if different from above  
& triliZP-A) TPL(51\_\_ (e)A1P/94/vy IA4

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c 1

Check appropriate box for federal tax classification:

III Individual sole proprietor X C Corporation D S Corporation 0 p.t.mhip 0  
Trust/estate

g

•

3 D Limited liability company. Enter the tax classification (C=C  
corporation. 5,5 corporation, P..partnership( IP 0 Exempt payee  
r: E

I - 0 Other see instructions)"

Addr number, street in olcpt. 100 or purto n.ctir) -too , e..) v \_\_.)

Requester's name and address (optional)

City, state and ZIP code

-1' 1 aDots L.)5 VI 00b OR

List account number(s) here (optional)

Part I Taxpayer identification Number (TIN) •

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name line I Social security number

T - - . to avoid backup withholding. For Individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other \_ 111

entities. It is your employer identification number fElNi. If you do not have a number. see How to oat a I TIN on page 3.

Note. If the account Is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

#### =I Certification

Under penalties of perjury, [ certify that: Employer ideetracetlon number b

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number lobe issued to me). and

2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have riot been notified by the internal Revenue Service (IRS) that lam subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am

no longer subject to backup withholding, and

3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cros t item 2 above if you have been notified b th: that you are currently subject to backup withholding because you have failed to report al rest an dividends on your tax r • • • ; a estate transactions. item 2 does not apply. For mortgage interest paid, acquisition or abs nment of sec ad prope • ..eeseeei • debt, contributions to art Individual retirement arrangement (IRA), and nterest and dividdereverfnTh not required to slCerfelee certification, but you must provide your correct TIN. See the generally, payments other tha instructions on page 4

Sign

here Signature of

U.s. person lb. Ee not required to Big

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file art information return with the IRS must obtain your correct taxpayer Identification number (TIN) to report, for example, Income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made loan IRA

Use Form W-9 only if you are a U.S. person (Including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving Is correct (or you are waiting for a

number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income. Date  0

Note. Its requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust as defined in Regulations section 301.7701-7)

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business.

Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S.

status and avoid withholding on your share of partnership income, Cat. No. 10231X Form W-9 (Rev. 12-2011)

3.P. Morgan Electronic Consent Form J.P.Morgan

A. Consent to Electronic Delivery of Communications – U.S.

For the purpose of this Consent, "Communications" means both:

(I) Investment Communications - All investment material and documentation and information including, but not limited

to, prospectuses, preliminary prospectuses, re-circulated preliminary prospectuses, free writing prospectuses, preliminary

and final offering circulars/memoranda, other offering notices, and amendments and supplements to such documents,

alternative investment documentation, documentation related to an IPO or other offering, subscription documents,

capital calls, fact sheets, agreements, solicitations, pricing terms, notices, and other disclosures and any other

information whatsoever required or permitted to be sent in relation to any registered and unregistered investments or

other investment matters; and

(ii) Service Communications - Any notice or communication relating to any service offered by J.P. Morgan for which

notices or communications are required or permitted to be delivered through electronic mail.

"Electronic Delivery" of a Communication means delivery of the Communication (or of a notice that the Communication is

available at a specified website) by electronic mail to the E-Mail Address you specify below. Any Communication sent to you by

Electronic Delivery will be deemed to have been delivered to you for all purposes, unless we receive notice that such Communication was not delivered.

Investment Risk: You agree that prior to making an investment decision you will read and understand all Communications for the applicable securities offering. You agree that if you choose to purchase the offered securities that you have a full understanding of all of the terms, conditions and risks included in all such Communications and assume those terms, conditions and risks. You acknowledge that investments in securities are subject to risk of loss including the potential loss of some or all of your investment. If you have any questions concerning the terms and conditions of any offering or wish to obtain additional information relating to an investment, you will contact your J.P. Morgan Representative.

System Requirements: If you have difficulty accessing any Communications delivered to you through Electronic Delivery, please contact your IP. Morgan Representative.

Paper Copies: You may request courtesy paper copies of Communications be sent to you by regular mail at any time by contacting your IP. Morgan Representative. You acknowledge that any such request for printed copies of Communications does not itself constitute revocation of this Consent.

Regulation S Offerings: Communications related to securities offerings pursuant to Regulation S of the Securities Act of 1933, as amended, must be delivered to clients outside the United States. You agree to open or access such Communications only outside the United States.

Legal Terms; Duration of Consent; Revocation: This consent is subject to the General Terms for Accounts and Services and applicable Account Agreements. This consent, with amendments from time to time, will apply to any current and future account, product or service that we agree upon orally, electronically or otherwise. However, this Consent does not affect, and is not affected by, any other agreement or consent to electronic delivery of communications which you have agreed to (or may agree to in the future) with IP. Morgan, including consent to the electronic delivery of the type of communications which are the subject of this Consent.

This consent will be in effect for the delivery of all future Communications unless revoked by us or by executing and sending a revocation letter to your IP. Morgan Representative. Any such revocation must be on an all -or -nothing basis. Please note that such withdrawal of consent may result in the termination or disallowance of certain accounts or services, or the termination or disallowance of certain offerings.

#### B. E-mail Address for Electronic Delivery of Communications

Please provide your E-mail Address below. The E-mail Address that you provide below will become the E -Mail Address which J.P.

Morgan Private Bank will use to contact you regarding your accounts and services and to send you communications through electronic delivery, including but not limited to, the Communications set

forth in this Consent. However, this Consent will not modify, terminate, or otherwise affect any other agreement, including without limitation any other Consent to Electronic Delivery, which you have entered into in the past or may enter into in the future. You may change your E-Mail Address in the future without executing a new Electronic Consent Form through any method which J.P. Morgan allows.

Email-Address: [redacted]

It is your responsibility to notify your J.P. Morgan Representative of any changes to your E-mail Address. You hereby waive all claims resulting from failure to receive Communications because of changes in your email address.

### C. Signature

All Authorized Persons are required to sign below.

By signing below, you consent to receive Communications through Electronic Delivery in lieu of printed Communications. You acknowledge having read the above information and understanding the Implications of this Consent.

[redacted]

[redacted]

Signature of DARREN K. INDYKE

[redacted] Print Name

[redacted] Date Print Name

J.P. Morgan Use Only Title SPN CAS

1 of 1 Banker/Investor 9/12 1.15356

J. P. Morgan Account Application Package for SOUTHERN TRUST COMPANY INC

### A. Forms to Complete

Please add all missing information to the following forms and list any changes you make. After you sign these documents, return them in the self-addressed envelope provided or to the contact listed below.

J.P. Morgan Account Application Form

J.P. Morgan Account Suitability Form

J.P. Morgan Account Over The Counter Derivatives Approval form

J.P. Morgan Exchange Traded Options Agreement

J.P. Morgan Dodd Frank Regulated Derivatives

J.P. Morgan Standing Instructions (Cash Management) J.P. Morgan

Date: [redacted]

### B. Documents we need from you

When you return the completed application, please include the most recent version of the following documents:

### C. Reference Documents

Please read and keep these enclosed documents for your records:

Fee Schedule(s)

Depositing Securities & Cash into J.P. Morgan Account

J.P. Morgan Privacy Policy

General Terms for Accounts and Services

Occ Risk Factors - Characteristics & Risks of Standardized Options

Occ Nov 2012 Supplement

Risk Disclosure

D. Contacts

If you have any questions concerning this package, please call:

Name: VALENCIA DOYLE

Address: 395 NORT1-1 SERVICE RD

City: MELVILLE State: NEW YORK Zip: 11747

Phone: 631-755-5082 Fax: 631-755-5077

E. Important information about procedures for opening a new account

To help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify and record information that identifies each person who opens an account.

What this means for you: When you open an account, we will ask for your name, address, date of birth and tax identification number for u.S, persons or passport number, country of issuance and expiration date for non-U.S. persons. In order to demonstrate that we have confirmed your identity, we will ask for a copy of your driver's license or other identifying documents such as a passport, Military ID or other government issued document.

The following notice is required by the Unlawful Internet Gambling Enforcement Act of 2006 and applies to all commercial clients.

WMorgan Chase Bank, N,A, strictly prohibits the use of accounts to conduct transactions, including but not limited to the receipt of funds through electronic funds transfer, by check, draft, or any similar Instrument, that are related, directly or Indirectly, to unlawful Internet gambling.

J.P. Morgan Use Only Title SPN CAS

Banker/Investor 03/10 1.15952

IP. Morgan Account Suitability Supplement J. P Morgan

A, Account Information (required for 3PMS Brokerage and Investment Management accounts)

Title of Account: SOUTHERN TRUST COMPANY, INC

Personal Accounts

Individual CI Joint (J7WROS/JAWROS for 'TX residents)

Community Property  Transfer on Death (T00)

Primary Account Owner: 0WouRetqtri

Number of Dependents Name of Employer

Total Net Worth excl.

Owner Annual Income (\$) Liquid Net Worth (\$) primary residence (\$)

Joint Account Owner:

Annual Income (\$)

Entity Accounts

El Corporation  Partnership  PIC/PHC (applicable to international entities only)  SOle PrIprietorship

Foundation  Endowment  Limited Liability Company  Limited Liability Partnership  Other Non Profit

Annual Income (5)5,000,000  Tenants in Common °Tenants by the Entirety UTMA/UGMA  IRA

Liquid Net Worth (5)25,000,000 Total Net Worth (\$) 30,000,000

Trust/Estate Accounts

Trust  Estate  Endowment  Foundation  ERISA Plan  Other Charitable Trust  Other

Trust/Estate Liquid Net Worth (\$) Trust/Estate Total Net Worth (\$)

B. Affiliations (required for JPMS Brokerage and Investment Management accounts)

Applicable to account owners or authorized signers or trustees and executors.

I, my spouse, or Immediate family member who receives material support from me or gives material support to me is, or has been, a director, corporate officer, control person, affiliate or an owner of 10% of a public corporation's stock:  Yes  No

If yes, name of person Name of corporation

If yes, Is the corporation traded publicly on a U.S. Stock exchange?  Yes  No

I, my spouse, immediate family member who receives material support from me or gives material support to me, or an individual controlling the account is employed by or associated with an FCM, broker - dealer, a futures or securities exchange, the NFA or FINRA, the CFTC, SEC or the MSRB:  Yes  No

If yes,\* name of employer Name of employee/assoc.

Account holder or immediate family member or another household member is an employee of a financial institution or insurance company:  Yes  No

If yes\*, name of institution Name of employee/assoc.

\*If Yes, Broker -Dealer and FINRA member financial institutions must provide written permission on corporate letterhead to open a Brokerage, Margin, or Investment Management account.

C. Brokerage Account Information (required for IPMS Brokerage accounts only)  
Investment Profile

My objective for this account (check one):  Capital Preservation  Income Generation  Capital Appreciation

Speculative or aggressive investments that may generate higher returns but may be riskier than other investments because I may

lose all or part of my investment (check one):  Are permitted in this account  Are not permitted in this account

Primary source of income:  Investments  Compensation  Pension  Other

Please indicate the number of years of personal trading experience for the authorized party(s) on this account:

Hedge Funds/

1-10  11-20  21-30  31-40  41-50  51-60  61-70  71-80  81-90  91-100

Markets  Private

Stocks  Bonds  FX  Products  Options  Placements  Commodity  Derivatives  Other

I currently have brokerage accounts with the following firms:  NO

Approximate value of investable assets held away from the firm? \$1,000,000

Those assets are invested in the following Asset Classes:  Equities  Fixed Income  Cash  Alternative Investments  Other

Most of those assets are invested in:  Equities  Fixed Income & Cash  Alternative Investments  Other

Check only one selection for Investment Time Horizon, Primary Liquidity Needs, and Secondary Liquidity Needs

Investment Time Horizon:  Less than 1 year  1-5 years  6-10 years  Greater

than 10 years

Primary Liquidity Needs:  Short Term  Medium Term  Long Term  None

Secondary Liquidity Needs:  Short Term  Medium Term  Long Term  None

J.P. Morgan Use Only

Page 1 of 2 SOUTHERN TRUST COMPANY, INC Title 239150 SPN

NELSON  JUSTIN Banker/Investor 0222035463 CAS

3/13 1522

J.P. Morgan Account Suitability Supplement JP,Morgan

C. Brokerage Account Information (cont.)

Large Trader Identification Number' ("UM")

LTID - If applicable, enter LTID number here: DET1000000000

\*Large Trader definition Is explained in paragraph 16 of the Brokerage Account Agreement

Custodian (if applicable)

WMorgan Chase', Bank, N.A.  Other (please specify)

..

Margin Amount Requested? Options Trading (required for exchange traded options, over-the-counter traded options or structured products)

Yes  No  Yes (a Derivatives Approval form will be required)  No

Personal Accounts Only

Marital Status Of Primary Account Owner:  Married  Single  Divorced  Widowed

Spouse Information:

Name Name of Employer

Occupation/Position Annual Income (\$)\_\_\_\_

Non -Individual Accounts Only

If applicable, enter Legal Entity Identifier here:

sEalaZIEEEDDLIDECIETEOREE

D. Agreement

I have read, understand and agree to this application and the General Terms for Accounts and Services and the Account Agreement (In each case, our "Agreement"). The Agreement, with amendments from time to time, generally will apply to any future account, product or service that we agree upon orally, electronically or otherwise, although certain accounts, products or services may require additional documentation. This Agreement (including this application) is a security agreement under Article 9 of the Uniform Commercial Code, as amended from time to time. I have read and consent to the terms of J.P. Morgan's Private Bank and Private Wealth Management Privacy Notice, including the manner in which my information is received and used, and that upon opening an account with J.P. Morgan's Private Bank or Private Wealth Management (together described as the "Private Banking Business" in the Notice) my information will be used by one or more members of the Private Banking Business' family of companies (as listed in the Notice) in order to make available to me the products and services available through the Private Banking Business.

E. Pre-dispute Arbitration (This applies to Margin and Brokerage but not Investment Management Accounts.)

By signing below, I acknowledge agreement to arbitrate any controversies arising out of the Margin or Brokerage Agreements with I.P. Morgan Securities LLC, in accordance with paragraph 11 of the Brokerage Agreement that I have received. Paragraph 11 is located in the Agreements for Accounts and Services Offered Through 3.P. Morgan Securities Lt.c and J.P. Morgan Entities which is contained within the Combined Terms and Conditions and within the International General Terms for Accounts and Services Account\_Agr-Cements.

F. Signature 7 --

All accountholders are required to review below—Elee note: any changes not initialed by you, or any information that remains missing on these forms will advise in open on your account and may require us to send the application back to you.

1->

JEFFREY E. ESTEIN

Signature (Accountholder) Date Print Name

=>

Signature (Accountholder) Date Print Name

J.P. Morgan Use Only

Page 2 of 2 SOUTHERN TRUST COMPANY, INC Title 239150 SPN

NELSON D JUSTIN Banker/Investor 0222035463 CAS

3/13 1522

Derivative and Foreign Exchange (FX)/Commodity Transactions Regulated by the Dodd -Frank Wall Street Reform and Consumer Protection Act (the "Dodd -Frank Act") J.P.Morgan

A. Agreement for All Transactions

The following provisions apply to all clients who enter into (a) foreign exchange swaps or deliverable foreign exchange or commodity forwards (collectively, "Exempt Transactions") or (b) swaps (other than foreign exchange swaps but otherwise without regard to underlying), equity index derivatives, commodity derivatives, and foreign exchange transactions (other than Exempt Transactions) (collectively, "Derivatives")

1. If the Account is a joint account, the term 'client' shall refer to each joint accountholder. By signing below, each joint accountholder is making the representations in Paragraph 3 separately from the other joint accountholder based on his, her, or its separate transactions and activities.

2. The client represents, warrants and certifies to J.P. Morgan on a continuing basis (which, for avoidance of doubt, includes each time that I.P. Morgan executes or clears an Exempt Transaction or a Derivative) that he, she, or It is an 'Eligible Contract Participant,' as that term is defined in the Commodity Exchange Act, by reason of the following (Check one):

The client is an individual acting for his or her own account with investable assets in excess of (i) 110,000,000; or (ii) \$5,000,000 and who will be entering into such transactions in order to manage the risk associated with an asset owned or liability incurred, or reasonably likely to be owned or incurred, by the client.

'Investable assets'. may not always include securities of companies that are

privately held and which are not publicly traded. If you are making this representation on the basis of your ownership of such securities, please contact 3.P. Morgan.

The client is a corporation, partnership, proprietorship, organization, trust or other entity acting for its own account that (i) has total assets exceeding \$10,000,000; (ii) that does not have total assets exceeding 110,000,000 but its obligations under the subject transactions will be guaranteed or otherwise supported by a letter of credit, keepwell, support, or other agreement by an entity that is an eligible contract participant; or (iii) that (a) (1) has a net worth exceeding \$1,000,000 and (2) will enter into transactions in connection with the conduct of the entity's business, or to manage the risk associated with an asset or liability owned or incurred or reasonably likely to be owned or incurred by the entity in the conduct of the entity's business, or (b)(1) does not have a net worth exceeding \$1,000,000; (2) will enter into transactions (other than security-based swaps, security-based swap agreements, or mixed swaps) in connection with the conduct of the entity's business or to manage the risk associated with an asset or liability owned or incurred, or reasonably likely to be owned or incurred, by the entity in the conduct of the entity's business; and (3) all the owners of the entity are individuals with investable assets in excess of 110,000,000 or entities with total assets exceeding 110,000,000.

Other. Please consult 3.P, Morgan concerning additional documentation that will be required.

The client represents, warrants and certifies to 3.P. Morgan on a continuing basis (which, for avoidance of doubt, includes each time that 3.P. Morgan executes or clears an Exempt Transaction or a Derivative transaction) that:

(a) In the preceding 12 months, the client has not executed Derivatives transactions in a gross notional amount greater than \$8 billion, or, if the client has executed Derivatives transactions in such amount, the client does not (i) hold itself out as a dealer in Derivatives; (ii) make a market in Derivatives; (iii) regularly enter into Derivatives with counterparties as an ordinary course of business for its own account; or (iv) engage in activity causing it to be commonly known in the trade as a dealer or market maker in Derivatives.

(b)(1) The client does not have express arrangements with its Derivatives counterparties that permit it to maintain a total uncollateralized exposure of more than \$100 million to all such counterparties, and (ii) the client does not maintain notional Derivatives positions of more than \$2 billion in any major category of Derivatives, or more than \$4 billion in aggregate Derivatives.

(c) The client is not a commodity pool, an investment fund that relies on certain exemptions from registration under the U.S. Investment Company Act of 1940, or an employee benefit plan under the U.S. Employee Retirement Income Security Program, nor is the client primarily engaged in activities that are in the business

of banking or that are financial in nature under U.S. banking laws.

The client is unable to make one or more of the representations, warranties and certifications in this Paragraph 3. Such clients should consult J.P. Morgan about additional documentation that will be required.

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Banker/Investor 6/13 1072

Derivative and Foreign Exchange (FX) Commodity Transactions  
Regulated by the Dodd -Frank Wall Street Reform and Consumer  
Protection Act (the "Dodd -Frank Act") J.P Morgan  
A, Agreement for All Transaction (cont.)

4. Special Entity Status (non -Individual accounts only)

The client represents, warrants and certifies to J.P. Morgan on a continuing basis (which, for avoidance of doubt, includes each time that J.P. Morgan executes or clears an Exempt Transaction or a Derivative transaction) that it is not considered a Special Entity for purposes of the Dodd -Frank Act. Prior to completing this Section 4, the client should perform appropriate due diligence and, if necessary, consult with legal counsel, in regards to these representations, warranties and certifications.

(a) The client is the following entity type (check one):

ET A Special Entity, as defined below,

FT A tax-exempt organization filing under Internal Revenue Code Section 501(c)-  
(3), which is not an endowment.

Is neither a Special Entity nor a tax-exempt organization filing under  
Internal Revenue Code Section 501(c)(3).

(b) Was the client created (check one):

E. By a public official, entity, or authority through an action pursuant to  
such person's official capacity or directly or indirectly  
/ through authority or direction of law (e.g, through legislation,  
regulation, court order, or other similar authority)?

M By private individuals or entities, unrelated to a public official,  
entity, or authority?

(c) Is any person responsible for or otherwise holding direct or indirect  
influence regarding the client's selection of J.P. Morgan to act  
as a Derivatives counterparty and/or to provide a Derivatives Account  
(including, but not limited to, the client's directors,  
management, investment managers, or other authorized persons or employees  
holding such responsibility or influence):

FT A public official or public employee acting in his or her official  
capacity or directly or indirectly selected or appointed by one or  
more public officials in their official capacity or by individuals directly  
or indirectly selected or appointed by one or more public  
officials in their official capacity?

'None of the client's employees or management or any other person holding  
direct or indirect influence over the client's :

selection of J.P. Morgan in regards to any Derivatives services or accounts  
are subject to public integrity rules/codes of ethics

or reporting requirements or selected or appointed by others subject to such

rules.

Special Entity is any of the following:

- A Federal agency;
- A State, State agency, city, county, municipality, other political subdivision of a state, or any Instrumentality, department, or a corporation or established by a state or political Subdivision of a state;
- An employee benefit Plan subject to Title I of the Employee Retirement Income Security Act of 1974 (29 U.S.C. 1002);
- An endowment, Including an endowment that IS an organization described in Section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)(3));

or

- An employee benefit plan defined In Section 3 of the Employee Retirement Income Security Act of 1974 (29 U.S.C. 1002), not otherwise defined as a Special Entity, that elects to be a Special Entity by notifying a swap dealer or major swap participant of its election prior to entering Into a swap with the particular swap dealer or major swap participant.

5. The representations, warranties and certifications contained in this Derivative and FX/Commodity Transactions Regulated by the Dodd-Frank Act agreement (this "Agreement") should be read with the JPM August 2012 Bilateral OF Agreement, as amended, supplemented or replaced from time to time to reflect changes in applicable law, regulation and Industry standards. The client acknowledges and agrees that (i) the information set forth in this Agreement is true and accurate as of the date of the execution and delivery of this Agreement; (ii) In the event of any material change to the information set forth in this Agreement, the client will contact J.P. Morgan and update the Information in a timely manner; (iii) the information set forth in this Agreement is, and shall be considered in all respects, Relevant Information as that term is defined in the JPM August 2012 Bilateral OF Agreement; and (iv) J.P. Morgan will rely on the information set forth in this Agreement in evaluating whether to enter into Derivatives with the client. Notwithstanding any provision set forth in the Cleared Trades Agreement or the ISDA Documentation (each defined below), any Information given hereunder which is incorrect or misleading in any material respect or which is rendered incorrect or misleading by the failure of the client to update this Agreement on a timely basis may give rise to termination and/or reversal by the Bank of any Derivatives transaction entered into in reliance on the representations, warranties and certifications contained in this Agreement.

6. Depending on the types of transactions done by the client, J.P. Morgan may require the client to enter into one or more of the following additional agreements; the JPM August 2012 Bilateral OF Agreement, the FIA-ISDA Cleared Derivatives Execution Agreement, the Client Agreement, the Cleared Derivatives Transaction Addendum, and any applicable schedules (the foregoing agreements shall be referred to collectively as the "Cleared Trades

Agreement) and/or agreements promulgated by the International Swaps and Derivatives Association, Inc. ("ISDA"), as supplemented, modified and amended by the applicable counterparty from time to time (the foregoing ISDA agreements, related supplements, modifications and amendments plus the 3PM August 2012 Bilateral OF Agreement shall be referred to collectively as the 'ISDA Documentation'). The required agreements may change in the future to reflect changes in applicable law, regulation and Industry standards.

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Banker/Investor 6/13 1072

Derivative and Foreign Exchange (FX) /Commodity Transactions  
Regulated by the Dodd -Frank Wall Street Reform and Consumer  
Protection Act (the "Dodd -Frank Act") J.P.Morgan

A, Agreement for All Transactions (cent.)

7. The client understands and agrees that all Exempt Transactions and Derivatives transactions will be effected In accordance with the internal rules and policies of J.P. Morgan, the applicable rules, regulations, customs and usages of any exchange, market, derivatives clearing organizatitr (DCO) or self -regulatory organization, and all applicable federal and state laws, rules and regulations, all of which are incorporated tly reference into every transaction to the extent applicable to such transaction. The Dodd -Frank Act requires reporting of all Exempt Derivatives transactions, which may include, without limitation, the disclosure of trade Information Including a party's identity (by l name, Legal Entity Identifier or otherwise) to a swap data repository and relevant regulators.

In connection with any Derivative executed or cleared for or on behalf of such client on any swap execution facility (SEF) or DCO, the client consents to the jurisdiction of such SEF and/or DCO and agrees to provide such SEF or DCO, their agents, and their service providers, access to all books and records, staff and other information necessary for monitoring and enforcement of SEF or DCO rules.

Client agrees to pay all settlement, clearing and related fees and charges imposed by IP. Morgan or any SEF or DCO utilized in connection with Derivatives transactions.

DCOs require clients to have an external Identification number, known as a OTCC number, in order to facilitate clearing and reporting.

If the client already has a DTCC number, enter the DTCC number here:

F.:1;1F

lithe client does not have a DTCC number, the client hereby authorizes IP. Morgan to obtain a DTCC number for the dient.

8. The Dodd -Frank Act requires an identification number, known as a Legal Entity Identifier (LEI), to be assigned to legal entities. This will allow regulatory bodies to globally monitor market activity and financial risk in connection with transactions in certain OTC derivative products.

If applicable (non -individual accounts only), enter Legal Entity Identifier here:

17.Fil.Tff.!Ffc-ir;:tii.ETrii.F.TET1114.71'7,PFTFIT

9. In addition to any provision of the Cleared Trades Agreement or ISDA

Documentation (as applicable) in respect of the manner of giving notices or other communications (collectively 'Communications') relating to Exempt or Derivatives transactions, the client consents to receipt of Communications by means of electronic delivery in connection with all investments and Investment transactions in all Derivatives Accounts and brokerage accounts owned by the client at IP. Morgan. Electronic delivery will generally consist of (i) the posting of Communications to a website that 3.P. Morgan designates in an e-mail notice or otherwise designates in advance of such posting (a "Designated Website", which may be a third party website; and/or (ii) e-mail delivery of Communications to the client through the e-mail address below or, if the client previously authorized IF. Morgan to deliver Communications electronically, to the e-mail address given to J.P. Morgan for such delivery. J.P. Morgan may elect to follow the posting of Communications with a transmission of an e-mail or other notice to the client that such Communications have been posted to the Designated Website and are ready to be viewed. J.P. Morgan shall have the sole discretion as to whether to send a notice that a Communication has been posted to the Designated Website and some Communications may be posted without sending such notice. The client is responsible for checking all relevant Designated Websites for Communications periodically, and agrees that the posting of a Communication on a Designated Website constitutes delivery of such Communications to the client, regardless of whether such Communication is actually opened or reviewed, and regardless of whether or not a notice of the posting of the Communication is sent. Communications may be provided in an Adobe Acrobat Portable Document Format (PDF) file or a similar, common format.

Contra). unitations and e-mail notices May be sent to the-f0k4wIn ... 6.)41:xict:\ \ • C Qm

The consent contained in this Section 9 applies to the delivery of all Communications relating to investments generally and is not limited to Exempt Transactions or Derivatives Transactions or to transactions in the client's Derivatives Account, By signing this Agreement, the client consents to receive electronic delivery of investment materials relating to any Investment or security including, but not limited to: equities (including IPOs); fixed income instruments; mutual funds; and alternative investments. Such materials will include, but are not limited to: prospectuses; offering circulars/memoranda; subscription agreements; (PC) Materials; capital call notices; pricing terms; and any other disclosures and information whatsoever required or permitted to be sent in relation to the client's investments or other matters. Such disclosures and Information will include, but are not limited to trade confirmations and shareholder communications (proxy solicitation and voting materials, periodic reports, corporate actions, notices relating to class actions or bankruptcies, and other similar materials, information, or disclosures required to be transmitted pursuant to securities regulations and other applicable law of the United States and other jurisdictions, where applicable).

This list is not exclusive. By consenting to the electronic delivery of Communications relating to Investments, the client agrees that prior to making investment decisions, the client will read and understand the Communications for the applicable Investment. The client agrees that if the client chooses to purchase the offered securities, the client has a full understanding of all of the terms, conditions and risks included in the Communications and assumes those terms, conditions and risks. The client acknowledges that Investments in securities are subject to risk of loss including the potential loss of some or all of the amount invested. Please consult J.P. Morgan for further information. This consent shall survive the termination of this Agreement in respect to all Communications. This consent may only be revoked concurrently with this Agreement by the client calling the client's J.P. Morgan Representative, requesting a revocation letter, and then executing and sending the revocation letter back to J.P. Morgan.

J.P. Morgan Use Only

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Banker/Investor 6/13 1072

Derivative and Foreign Exchange (FX) /Commodity Transactions  
Regulated by the Dodd -Frank Wall Street Reform and Consumer  
Protection Act (the "Dodd -Frank Act") J.P.Morgan

B. Agreement for Derivatives (not applicable to Exempt Transactions)

The following provisions apply only to clients who enter Into Derivatives  
1, The client acknowledges and agrees that in order to enter Into  
Derivatives, a separate account ("Derivatives Account") will be opened  
and linked to the client's existing brokerage account. The Dodd -Frank Act  
requires certain Derivatives to be cleared.

The Derivatives Account will be governed by (a) to the extent that the  
client enters Into Cleared Derivatives, the Cleared Trades  
Agreement, and (b) to the extent that the client enters into uncleared  
Derivatives, the "ISDA Documentation." In the event of a  
conflict between the provisions of this Agreement and the provisions of the  
Cleared Trades Agreement or the ISDA Documentation (as  
applicable), the provisions of the Cleared Trades Agreement or the ISDA  
Documentation shall prevail.

The client's Derivatives Account will be for the purposes of speculation  
eliminating

2. The client acknowledges and agrees that collateral ("Margin") must be  
posted in connection with Derivatives transactions in  
accordance with the provisions of the Cleared Trades Agreement or ISDA  
Documentation, as applicable, as well as the policies of J.P.  
Morgan and the rules, regulations, customs and usages of any exchange,  
market, or DCO where a Derivatives transaction is cleared.  
Initial Margin for uncleared trades may be held by an Independent third -  
party custodian upon the client's request. In the event that  
the client establishes a facility for the purpose of borrowing to provide  
Margin, such facility will be governed by agreements other than  
the Cleared Trades Agreement or the ISDA Documentation. In calculating  
Margin required for cleared Derivatives transactions, such  
transactions will be netted as broadly and as frequently as allowed by the

applicable DCO. Such netting will apply to trade and position reporting as well as to Margin calculations.

3.3.P. Morgan Securities LLC (JPMS) is appointed as the client's agent, with full power and authority to utilize any manual or electronic execution, affirmation, confirmation, or delivery system for Derivatives in common use in the relevant market or markets for any particular Derivative that JPMS determines to be appropriate under the circumstances in its sole discretion.

Without limiting the foregoing:

(a) JPMS is appointed as the client's agent with full power and authority to take all necessary or desirable actions on the client's behalf to select, utilize or terminate the use of any swap SEE in connection with executing transactions in Derivatives including, but not limited to, such actions as are permitted or contemplated by the Cleared Trades Agreement as well as the following: establishing accounts; executing agreements or other documentation; placing orders; giving instructions and directions; transmitting and receiving information relating to the client's transactions in Derivatives; and filing or causing to be filed such reports as are required by applicable law and regulation.

(b) VMS is appointed as the client's agent with full power and authority to take all necessary or desirable actions on the client's behalf to select, utilize or terminate the use of any DCO in connection with clearing transactions in Derivatives including, but not limited to, such acts as are permitted or contemplated by the Cleared Trades Agreement as well as the following acts: establishing accounts; executing agreements or other documentation; delivering and receiving Margin; giving instructions and directions; transmitting and receiving information relating to the client's transactions in Derivatives; and filing or causing to be filed such reports as are required by applicable law and regulation, provided, however, that the client shall be required to instruct JPMS to use a specific DCO at the time of each trade, and in the absence of such instruction, JPMS shall not be required to submit such trade for clearing.

The client understands and agrees that JPMS will establish clearing accounts for the client at multiple DCOs. With respect to any cleared Derivative, the client has the sole right to select the specific DCO at which Derivatives will be cleared, and with respect to any Derivative that is not required by law to be cleared, the client has the right to elect to clear such Derivative (if accepted for clearing) and to select the DCO at which the Derivative will be cleared.

The client wishes the account at each such DCO to enable transactions in the following

currencies (only the currencies listed here are currently available (Check all that apply): rx-H,

; USD n EUR

Note: Not all DCOs will be capable of transacting in all currencies and J.P. Morgan does not anticipate providing clearing services in all currencies. Please contact your JPMS representative if you have any questions.

4. Notwithstanding the foregoing, no provision of this Agreement shall constitute a waiver or limitation of any right the client may have to execute Derivatives transactions at J.P. Morgan and then clear such Derivatives transactions at a different financial institution.

Check if applicable:  The client intends to clear all Derivatives transactions outside of J.P. Morgan. If the client checks this box, any provision of this Agreement governing the clearing of Derivatives transactions, including, without limitation, Subsection 3(b), will not be applicable to the client's Derivatives Account.

J.P. Morgan Use Only

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Banker/Investor 6/13 1072

Derivative and Foreign Exchange (FX) /Commodity Transactions

Regulated by the Dodd -Frank Wall Street Reform and Consumer

Protection Act (the "Dodd -Frank Act") J.P.Morgan

C. Derivatives Approval Level (not applicable for Exempt- Transactions)

Level 1: Covered Writing

Level 2: Buying Options

Level 3: Spreads

Level 5: Uncovered Writing

Level 6: Combinations/Straddles OTC Options

r5K

Please check all that apply:

Equity

rrc: Emerging markets

NT; Foreign exchange

IT Fixed Income

OVER THE COUNTER (OTC) OPTIONS INCLUDES TRADING OF INTEREST RATE SWAPS AND CREDIT DEFAULT SWAPS

FOREIGN EXCHANGE OPTIONS INCLUDES TRADING OF NON DELIVERABLE FX AND COMMODITY FORWARDS, COMMODITY OPTIONS AND PRECIOUS METALS

D. Acknowledgment

By signing this Agreement, the client acknowledges that: (1) he, she or it requested the derivatives approval level as indicated above and (2) the client shall promptly advise J.P. Morgan Securities LLC, in writing, of any material changes in his, her or its financial circumstances and options investment objectives.

E. Signatures (All Account Owners are required to sign below)

C\* (Signature

(Accountholder)

Date: JEFFREY E. EPSTEIN

Print Name

Signature (Accountholder) Date Print Name

Signature (Accountholder) Date Print Name

Signature (Accountholder) Date Print Name

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Approvals: I have reviewed the client's suitability profile, including: investment objectives, investment experience, and financial condition and agree that (a) the options level indicated above is appropriate for the client, and (b) if the client has elected to conduct Exempt Transactions and/or Derivatives Transactions, I agree to act for the client.

./PM RR Signature Date 21`1C11

JPM ROSFP Signature Date

•

JPM S-ROSFP Signature - -

(OTC Options Levels 5 & /7 Date

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Banker/Investor 6/13 1072

JR Morgan

Over The Counter Derivatives Approval Form for Equity Options  
and Structured Products

A. Derivatives Approval Level

Level 1; Covered virlting/Structured Products

Level 2: Buying 00:Ions/Structured Products

Level 3: Spreads/Structured Products

Level 5: Uncovered Writing/Structured Products

Level 6: Cambinations/Straddles/StnIctured Products OTC Options Please check  
all that apply;

el Equity Options

Structured Products

B. ARBITRATION; CONSENT TO JURISDICTION; SERVICE OF PROCESS.

THIS AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE. BY SIGNING AN  
ARBITRATION AGREEMENT,

THE PARTIES AGREE AS FOLLOWS:

- ALL PARTIES TO THIS AGREEMENT ARE GIVING UP THE RIGHT TO SUE EACH OTHER IN  
COURT, INCLUDING THE  
RIGHT TO A TRIAL BY JURY, EXCEPT AS PROVIDED BY THE RULES OF THE ARBITRATION  
FORUM IN WHICH A  
CLAIM IS HUD.

- ARBITRATION AWARDS ARE GENERALLY FINAL AND BINDING; A PARTY'S ABILITY TO  
HAVE A COURT REVERSE  
OR MODIF' AN ARBITRATION AWARD IS VERY LIMITED.

- THE ABILITY OF THE PARTIES TO OBTAIN DOCUMENTS, WITNESS STATEMENTS AND  
OTHER DISCOVERY IS  
GENEMILLT MORE LIMITED IN ARBITRATION THAN IN COURT PROCEEDINGS.

- THE ARBITRATORS DO NOT HAVE TO EXPLAIN THE REASON(S) FOR THEIR AWARD  
UNLESS, IN AN ELIGIBLE

- THE ARBITRATORS DO NOT HAVE TO EXPLAIN THE REASON(S) FOR THEIR AWARD  
UNLESS, IN AN ELIGIBLE  
CASE, A 30INT REQUEST FOR AN EXPLAINED DECISION HAS BEEN SUBMITTED BY ALL  
PARTIES TO THE PANEL AT  
LEAST 20 DAYS PRIOR TO THE FIRST SCHEDULED HEARING DATE.

- THE PANEL OF ARBITRATORS MAY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR  
ARE AFFILIATED  
WITH THESECURITTES INDUSTRY.

- THE RULES OF SOME ARBITRATION FORUMS MAY IMPOSE TIME LIMITS FOR BRINGING A  
CLAIM IN  
ARBITRATION. IN SOME CASES, A CLAIM THAT IS INELIGIBLE FOR ARBITRATION MAY  
BE BROUGHT IN COURT.

- THE RULES OF THE ARBITRATION FORUM IN WHICH THE CLAIM IS FILED, AND ANY  
AMENDMENTS THERETO,  
SHALL BE INCORPORATED INTO THIS AGREEMENT.

- No PERSON SHALL BRING A PUTATIVE OR CERTIFIED CLASS ACTION TO ARBITRATION,

NOR SEEK TO ENFORCE

ANY PRE -DISPUTE ARBITRATION AGREEMENT AGAINST ANY PERSON WHO HAS INITIATED  
IN COURT A

PUTATIVE CLASS ACTION OR WHO IS A MEMBER OF A PUTATIVE CLASS WHO HAS NOT  
OPTED OUT OF THE CLASS

WITH RESPECT TO ANY CLAIMS ENCOMPASSED BY THE PUTATIVE CLASS ACTION UNTIL:

(ii)

(iii) THE CLASS CERTIFICATION IS DENIED;

THE CLASS IS DECERTIFIED; OR

THE CUSTOMER IS EXCLUDED FROM THE CLASS BY THE COURT.

SUCH FORBEARANCE TO ENFORCE AN AGREEMENT SHALL NOT CONSTITUTE A WAIVER OF  
ANY RIGHTS UNDER

THIS AGREEMENT EXCEPT TO THE EXTENT STATED HEREIN.

• BY SIGNING THIS AGREEMENT, /P. MORGAN AND I AGREE THAT CONTROVERSIES  
ARISING UNDER, OR  
RELATING TO, THIS AGREEMENT OR ANY ACTIVITY BETWEEN ME AND 3.P. MORGAN, ITS  
PREDECESSORS, AND

ANY OF THEIR RESPECTIVE SUCCESSORS, ASSIGNS, AND ANY OF THEIR, DIRECTORS,  
EMPLOYEES, AND ANY

OTHER CONTROL PERSONS AND ANY OF THEIR AGENTS, WHETHER ARISING PRIOR TO, ON  
OR SUBSEQUENT TO

THE DATE HEREOF, SHALL BE DETERMINED BY ARBITRATION PANEL APPOINTED BY FINRA  
IN ACCORDANCE

WITH ITS RULES, AND SUCH HEARING OR HEARINGS SHALL BE CONDUCTED IN A LOCALE  
SELECTED BY FINRA.

THE AWARD OF THE ARBITRATORS, OR OF THE MAJORITY OF THEM, SHALL BE FINAL,  
AND JUDGMENT UPON THE

AWARD RENDERED MAY BE ENTERED IN ANY COURT, STATE OR FEDERAL, WITH  
JURISDICTION.

■ THIS AGREEMENT, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR  
RELATED TO THIS

AGREEMENT, THE RELATIONSHIP OF THE PARTIES, AND/OR THE INTERPRETATION AND  
ENFORCEMENT OF THE

RIGHTS AND DUTIES OF THE PARTIES, WILL BE GOVERNED BY THE LAWS OF THE STATE  
OF NEW YORK WITHOUT

REGARD TO ANY CONFLICTS OF LAW PRINCIPLES.

• I HEREBY AGREE TO RECEIVE SERVICE OF PROCESS IN CONNECTION WITH ANY LEGAL  
MATTERS, ACTIONS OR

PROCEEDINGS BASED UPON, ARISING OUT OF, OR RELATING IN ANY WAY TO, THIS  
AGREEMENT BY CONFIRMED,

RETURN -RECEIPT REQUESTED MAIL, AND THAT DELIVERY SHALL BE PRESUMED IF SUCH  
SERVICE IS MAILED TO

THE ADDRESS MAINTAINED BY 1.P. MORGAN IN ITS RECORDS.

3.P. Morgan Use Only Title

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6/13 US1074

Over The Counter Derivatives Approval Form for Equity Options  
and Structured Products JR Morgan

B. ARBITRATION; CONSENT TO JURISDICTION; SERVICE DP PROCESS (cont.)

I AGREE THAT THE TERMS OF ANY SETTLEMENT, OR ANY AWARD DETERMINED BY  
ARBITRATION, SHALL BE

CONFIDENTIAL AND SHALL NOT BE DISCLOSED BY 3F14S OR ANY OTHER J.P. MORGAN AFFILIATE UNDER ANY CIRCUMSTANCES, UNLESS REQUIRED BY APPLICABLE LAW, JUDICIAL PROCEEDING OR SRO RULE.

C. Pre -Dispute Arbitration and Acknowledgement

By signing this Agreement, I acknowledge that: (1) I requested the options approval level as indicated above, (2) I shall promptly advise JP. Morgan Securities LLC, in writing, of any material changes in my financial circumstances and options Investment objectives, and (3) in accordance with above, I am agreeing in advance to arbitrate any controversies that may arise in connection with me vxriCiy ii.durits with J.P. Morgan Securities LLC.

0. Signature" account opeer\_Ls. jus-reqUrred to sign below)

('/Id/F5 JEFFREY E. EPSTEIN

L

Signature Date Name l:Print)

f

EI Signature Date Name (Print)

Signature Date Name (Print)

Signature Date Name (Print)

LP, Morgan Use Only

Approvals; I have reviewed the above information concerning the client's suitability, including: investment objectives, Investment experience, and financial condition

JPM RR Signature ••(/r

Date

JPM ROSH, Signature Date

•

31;11 S-ROSP Signature ----- „e,/^^"

Date •

(Structured Products and Equity Options Levels 5 & 6)

3.P, Morgan Use Only Title SPN CAS

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Exchange Traded Options Agreement J.P.Morgan

A. Options Agreement

1. I understand that any option transaction made for my account is subject to the rules, regulations, customs and usages of the Options Clearing Corporation and of the registered national securities exchange, national securities association, clearing organization or market applicable to such transaction. I agree to abide by such rules, regulations, customs and usages. I

understand that my account at J.P. Morgan See -tribes tIL ("JPMS) is subject to position and exercise limits established by Option regulatory organizations or markets, and that such limits apply in the aggregate to all of my accounts at JPMS and any other firm.

I agree that, acting alone or in concert with others, I will not exceed any applicable position or exercise limits.

2. I understand that 3PMS is under no obligation to convey any information to me relating to the underlying securities covered by the option or any securities related thereto, or any Information relating to the options whether such information Is then or

thereafter known or available,

3. It shall be my sole responsibility to exercise, in a proper and timely manner, any right, privilege or obligation of any put option, call option, or other option which JPMS may purchase, handle, endorse or carry for my account(s).

4. I understand that, in case of my Insolvency or death, or the attachment of my property, JPMS may, with respect to any options contract position, take such steps as it considers necessary or appropriate to protect JPMS against loss.

5. I have received from JPMS the options disclosure document entitled, 'Characteristics and Risks of Standardized Options,' dated February 1994, and I understand the information contained therein and affirm specifically the following:

a. That both the purchase and the writing of uncovered options contracts involve a high degree of risk, are not suitable for many investors and, accordingly, should be entered into only by investors who understand the nature and extent of their rights and obligations, and who are fully aware of the inherent risks involved.

b. That I should not purchase any option unless I am able to sustain a total loss of the premium and transaction costs, and (i) I should not write a call option unless I either own the underlying security (or a security convertible, exchangeable or exercisable into such underlying security) or am able to sustain substantial financial losses; and (ii) I should not write a put option unless I am able to sustain the loss resulting from purchasing my security at the exercise price, which may be substantially above the market price at the time of assignment of the put option to me.

c. That the exchanges or other regulatory bodies may restrict transactions in particular options or the exercise of options contracts in their discretion from time to time.

d. That I have noted particularly those sections of the options disclosure document which summarize the risk factors involved in options trading, and I have determined that, in view of my financial situation and investment objectives, options trading is not unsuitable for me.

6. I have read and I understand the section of the options disclosure document entitled, 'Exercise and Assignment. I am aware that any equity or index option I may hold with an "in-the-money" value of one cent (\$0.01) or more at expiration will automatically be exercised by the Options Clearing Corporation if I fail to give instructions to the contrary by expiration date. I am also aware that I may not receive actual notice of an exercise or assignment until the week following the expiration date.

7. I understand that JPMS shall have no responsibility to notify me when an option in my account is nearing expiration, and I will have no claim for damage or loss arising out of the fact that an option in my account was not exercised, unless I have instructed VMS to exercise such option at or before the time established by JPMS.

B. I understand that margin requirements exist in connection with certain

options, and I agree to meet all margin calls as made by JPMS. Further, I understand that certain options accounts are considered to be margin accounts, and I represent that I am duly authorized to open and carry such margin account(s).

9. Where I am a seller of an option, I understand that JPMS is authorized, in JPMS'S sole discretion and Without notification to me, to take any and all steps necessary to protect JPMS from loss or damage arising out of any put option, call option or other option transaction made for my account in the event that I do not meet JPMS's margin calls promptly. These steps include, but are not limited to, buying or selling short (or Short exempt) for my account, and at my risk, any or all of the shares represented by options endorsed by JPMS and for my account, or buying for my account, and at my risk, any put option, call option or other option as JPMS may deem necessary to protect JPMS fully from loss or damage.

10. I warrant that options are suitable for my account after considering the potential financial obligations, and also that I understand the trading of options and the functioning of the options markets. I realize and understand that any form of 'options trading has a number of inherent risks connected therewith, and I am fully prepared financially to undertake such risks and to withstand any losses created thereby. I acknowledge that I have received a copy of the J.P. Morgan Account Derivatives for New Account and investment Suitability forms, or similar forms containing information provided by me, upon which JPMS has relied. I hereby verify the accuracy of that information and agree to Inform JPMS promptly of any material change in the information.

II, ARBITRATION; CONSENT TO JURISDICTION; SERVICE OF PROCESS.

THIS AGREEMENT CONTAINS A PRE -DISPUTE ARBITRATION CLAUSE. BY SIGNING AN ARBITRATION AGREEMENT, THE PARTIES AGREE AS FOLLOWS:

- ALL PARTIES TO THIS AGREEMENT ARE GIVING UP THE RIGHT TO SUE EACH OTHER IN COURT, INCLUDING THE RIGHT TO A TRIAL BY JURY, EXCEPT AS PROVIDED BY THE RULES OF THE ARBITRATION FORUM IN WHICH A CLAIM IS FILED.

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Exchange Traded Options Agreement J.P.Morgan

ARBITRATION AWARDS ARE GENERALLY FINAL AND BINDING; A PARTY'S ABILITY TO HAVE A COURT REVERSE

OR MODIFY AN ARBITRATION AWARD IS VERY LIMITED.

- THE ABILITY OF THE PARTIES TO OBTAIN DOCUMENTS, WITNESS STATEMENTS AND OTHER DISCOVERY IS

GENERALLY MORE LIMITED IN ARBITRATION THAN IN COURT PROCEEDINGS.

- THE ARBITRATORS DO NOT HAVE TO EXPLAIN THE REASON(S) FOR THEIR AWARD UNLESS, IN AN ELIGIBLE

CASE, A JOINT REQUEST FOR AN EXPLAINED DECISION HAS BEEN SUBMITTED BY ALL PARTIES TO THE PANEL

AT LEAST 20 DAYS PRIOR TO THE FIRST SCHEDULED HEARING DATE.

• THE PANEL OF ARBITRATORS MAY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR ARE AFFILIATED WITH THE SECURITIES INDUSTRY. THE RULES OF SOME ARBITRATION FORUMS MAY IMPOSE TIME LIMITS FOR BRINGING A CLAIM IN ARBITRATION. IN SOME CASES, A CLAIM THAT IS INELIGIBLE FOR ARBITRATION MAY BE BROUGHT IN COURT.

• THE RULES OF THE ARBITRATION FORUM IN WHICH THE CLAIM IS FILED, AND ANY AMENDMENTS THERETO, SHALL BE INCORPORATED INTO THIS AGREEMENT.

• NO PERSON SHALL BRING A PUTATIVE OR CERTIFIED CLASS ACTION TO ARBITRATION, NOR SEEK TO ENFORCE ANY PRE -DISPUTE ARBITRATION AGREEMENT AGAINST ANY PERSON WHO HAS INITIATED IN COURT A PUTATIVE CLASS ACTION OR WHO IS A MEMBER OF A PUTATIVE CLASS WHO HAS NOT OPTED OUT OF THE CLASS WITH RESPECT TO ANY CLAIMS ENCOMPASSED BY THE PUTATIVE CLASS ACTION UNTIL:

(I) THE CLASS CERTIFICATION IS DENIED;  
(R) THE CLASS IS DECERTIFIED; OR  
(III) THE CUSTOMER IS EXCLUDED FROM THE CLASS BY THE COURT.

SUCH FORBEARANCE TO ENFORCE AN AGREEMENT SHALL NOT CONSTITUTE A WAIVER OF ANY RIGHTS UNDER THIS AGREEMENT EXCEPT TO THE EXTENT STATED HEREIN.

• BY SIGNING THIS AGREEMENT, LP. MORGAN AND I AGREE IMAT CONTROVERSIES ARISING UNDER, OR RELATING TO, THIS AGREEMENT OR ANY ACTIVITY BETWEEN ME AND /P. MORGAN, ITS PREDECESSORS, AND ANY OF THEIR RESPECTIVE SUCCESSORS, ASSIGNS, AND ANY OF THEIR DIRECTORS, EMPLOYEES, AND ANY OTHER CONTROL PERSONS AND ANY OF THEIR AGENTS, WHETHER ARISING PRIOR TO, ON OR SUBSEQUENT TO THE DATE HEREOF, SHALL BE DETERMINED BY AN ARBITRATION PANEL APPOINTED BY FINRA IN ACCORDANCE WITH ITS RULES, AND SUCH HEARING OR HEARINGS SHALL BE CONDUCTED IN A LOCALE SELECTED BY FINRA. THE AWARD OF THE ARBITRATORS, OR OF THE MAJORITY OF THEM, SHALL BE FINAL, AND JUDGMENT UPON THE AWARD RENDERED MAY BE ENTERED IN ANY COURT, STATE OR FEDERAL. HAVING JURISDICTION.

• THIS AGREEMENT, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS AGREEMENT, THE RELATIONSHIP OF THE PARTIES, AND/OR THE INTERPRETATION AND ENFORCEMENT OF THE RIGHTS AND DUTIES OF THE PARTIES, WILL BE GOVERNED BY THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO ANY CONFLICTS OF LAW PRINCIPLES.

• I HEREBY AGREE TO RECEIVE SERVICE OF PROCESS IN CONNECTION WITH ANY LEGAL MATTERS, ACTIONS OR PROCEEDINGS BASED UPON, ARISING OUT OF, OR RELATING IN ANY WAY TO, THIS

AGREEMENT BY

CONFIRMED, RETURN -RECEIPT REQUESTED MAIL, AND THAT DELIVERY SHALL BE PRESUMED IF SUCH SERVICE

IS MAILED TO THE ADDRESS MAINTAINED BY J.P. MORGAN IN ITS RECORDS.

• I AGREE THAT THE TERMS OF ANY SETTLEMENT, OR ANY AWARD DETERMINED BY ARBITRATION, SHALL BE

CONFIDENTIAL AND SHALL NOT BE DISCLOSED BY JPMS OR ANY OTHER J.P. MORGAN AFFILIATE UNDER ANY

CIRCUMSTANCES, UNLESS REQUIRED BY APPLICABLE LAW, JUDICIAL PROCEEDING OR SRO RULE.

12. I am aware that exercise assignment notices for option contracts are allocated among customer short positions pursuant to an automated procedure that randomly selects from among all customer short positions, including positions established on the day of assignment and those contracts that are subject to assignment. All American -style short Option positions are liable for assignment at any time. By contrast, the writer of a European -style option is subject to assignment on expiration. A more detailed description of the carrying broker's random allocation procedure is available upon request.

B. Special Statement for Uncovered Options Writers

There are special risks associated with uncovered option writing that expose the investor to potentially significant losses. Therefore, this type of strategy may not be suitable for all clients approved for options transactions, The potential loss of uncovered call option writing is unlimited. The writer of an uncovered call is in an extremely risky position, and must understand that he/she may incur large losses if the value of the underlying instrument increases above the exercise price. As with writing uncovered calls, the risk of writing uncovered put options is substantial. The writer of an uncovered put option bears a risk of loss if the value of the underlying instrument declines below the exercise price. Such loss could be substantial if there is a significant decline in the value of the underlying instrument.

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Exchange Traded Options Agreement JP,Morgan

B. Special Statement for Uncovered Options Writers (cont.)

Uncovered options writing is thus suitable only for the knowledgeable investor who understands the risks, has the financial capacity and the willingness to incur potentially substantial losses, and has sufficient liquid assets to meet applicable margin requirements. In this regard, if the value of the underlying instrument moves against a writer's uncovered options position, JP. Morgan Securities LLC may request significant additional margin payments, and JP. Morgan Securities LLC may liquidate stock or options positions in the investor's account with little or no prior notice, in accordance with the investor's margin agreement. For combination and/or straddle writing, where the investor writes both a put and a call on the same underlying instrument, the potential risk is unlimited. If a

secondary market in options were to become unavailable, Investors could not engage in dosing transactions, and an option writer would remain obligated until expiration assignment. The writer of an American -style option is subject to being assigned an exercise at any time after he/she has written the option until the option expires, By contrast, the writer of a European -style option is subject to exercise assignment only during the exercise period.

C. Derivatives Approval Level

Exchange Traded Options

121 Level 1: Covered writing

Level 2: Buying Options

Level 3: Spreads

Level 5: Uncovered Writing

Level 5: Combinations/Straddles Date OCC booklet and supplements sent to client:

0 E1;117EEEE

IT7 fri dd yyyy

D. Pre -Dispute Arbitration and Acknowledgment

By signing this Agreement, I acknowledge that: (1) I requested the options approval level as Indicated above; (2) I have received a copy of the booklet entitled, 'Characteristics and Risks of Standardized Options," and it Is expected that I will read the booklet; (3) I have reviewed the special statement for uncovered options writers above; (4) the booklet and the "Special Statement for Uncovered Writers," above, are not intended to enumerate all of the risks entailed in writing uncovered options; (5) I shall promptly advise J.P. Morgan Securities LLC, in writing, of any material changes in my financial drcurnstances and options investment objectives; and (6) in accordance with paragraph 3.1 on pages 1 and 2 of this form, I am agreeing in advance to arbitrate any controversies that may arise in connection with ma and rritaiaccrunts with J.P. Morgan Securities LLC.

E. Client Signature (Allount

0 rs ei-e,required-tosign below)

,  
E=)

..R4nature a3c (?) JEFFREY E. EPSTEIN

Date Name (print)

Signature Date Name (print)

Sonature Date Name (print)

Signature Date Name (print)

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Approvals: I have reviewed the client's suitability profile, including: investment objectives, Investment experience and finandal condition, and agree that the options level indicated abgye,15 appropriate for the client,

3P1 RR Signature

IPM ROSFP Signature Date

IPM S-ROSFP Signature

(Exchange Traded Options Levels 5 & 6) C .••• --\

Date -1

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Standing Instructions for Derivatives Collateral Transfers  
and Margin Loan Form - Overview and Instructions J.P.Morgan  
Overview

WHAT ARE STANDING INSTRUCTIONS FOR DERIVATIVES COLLATERAL TRANSFERS AND  
MARGIN LOAN?

The Standing Instructions for Derivatives Collateral Transfers and Margin  
Loan Form is a form that allows J.P. Morgan to move cash  
balances from your designated accounts to meet margin requirements.

WHO SHOULD COMPLETE AND SIGN THIS STANDING INSTRUCTIONS FORM?

The Standing Instructions must be completed and signed by all parties that  
wish to engage in derivatives transactions in the future.

Instructions

As you review and complete the Standing Instructions Form, please keep the  
following Instructions in mind:

- Section A - If a Client is Trading, Section A is mandatory; it allows  
J.P. Morgan to transfer cash out of your Asset With  
Brokerage Derivatives Account to cover margin.
- Section U - If a Client is Trading, Section B is mandatory; it allows J.P.  
Morgan to transfer cash into your Asset with Brokerage  
Derivatives Account to return excess margin.

- Section C - This Section is optional; it allows J.P. Morgan to make  
transfers from your main account to your derivatives account  
to satisfy a margin call. Please indicate whether the authorization is for  
the undersigned's existing account or a new account  
(Check one box only).

- Section D - This Section is optional; It allows J.P. Morgan to make transfers  
from your margin account (Reg T facility) to your  
derivatives account to satisfy a margin call. Please indicate whether the  
authorization is for the undersigned's existing account or  
a new account (Check one box only).

- Section E - This Section is optional; it allows J.P. Morgan to return any  
excess cash to your margin account (Reg T facility)  
(Check one box to select).

- Page 2 - Signature - Please sign, Date and Print your Name (Name of the  
Account Owner)

By signing below, the undersigned has elected to authorize, direct, and  
empower J.P.Morgan 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.

A. Transfer of Cash to Satisfy Margin Calls (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'), LP, Morgan is authorized, without notice to the undersigned, to debit such amounts and transfer such cash (as determined by 3.1'. Morgan to be necessary to satisfy any Derivatives Margin Call) from the undersigned's 1.P. Morgan account noted below ("Asset With Brokerage Derivatives Account").

This authorization is for an account that will be established by the undersigned in connection with the execution of thLe authorization. The undersigned hereby agrees that upon the account's establishment and the assignment of an account number, 3.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.

B. Return of Excess Margin (Mandatory if Client is trading)

In the event that the cash pledged by the undersigned to IP. 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 ),P. Morgan entity(les) 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.

C. Transfers from main Account to Derivatives Account (Optional)

Further, by checking the boxes below, the undersigned has elected to authorize, direct, and empower I.P. Morgan to take the following additional actions on the undersigned's behalf, which 3.P. Morgan may do, but is not obligated to do, and to make adjustments for any erroneous entries.

If the cash maintained in the undersigned's Asset With erokerage Derivatives Account is insufficient to meet any Derivatives Margin Call, IP, Morgan is authOriZed, without notice to the undersigned, to debit such amounts and transfer such cash (as determined by Morgan to be necessary to satisfy any Derivatives Margin Cali) from the undersigned's J.P. Morgan account noted below ("Asset With Brokerage Account).

1:1 This authorization is for the undersigned's existing account. Enter Account Number:

o 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, 3.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.

J.P. Morgan Use Only Title SPN CAS

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Standing Instructions for Derivatives Collateral Transfers and Margin Loan Form - Overview and Instructions J.P.Morgan

D. Transfers from the Margin Account to the Derivatives Account (Optional)

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,

If the cash maintained in the undersigned's Asset With Brokerage Derivatives Account and, if the undersigned has elected, the undersigned's Asset With Brokerage Account, are insufficient to meet any Derivatives Margin Call, then J.P. Morgan is authorized, without notice to the undersigned, to debit such amounts and transfer such assets (as determined by J.P. Morgan to be necessary to satisfy any Derivatives Margin Call) from the undersigned's J.P. Morgan account noted below ('Margin Account') and, if applicable, any cash proceeds from the sale of any money market Funds, to the undersigned's Asset With Brokerage Derivatives Account.

Margin Account Information:

This authorization is for the undersigned's existing account, Enter Account Number:

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.

E. Return of Excess Cash from the Derivatives Account to Pay Down Margin Loan (Optional)

Further, by checking the box 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 make adjustments for any erroneous entries.

If the amount of the undersigned's 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, then J.P. Morgan is authorized, without notice to the undersigned, to transfer from the undersigned's Asset With Brokerage Derivatives Account such excess cash to pay any debit balance owing with respect to the undersigned's Margin Account. The undersigned acknowledges that if the undersigned does not elect the foregoing authorization, then J.P. Morgan may still make such transfers if the undersigned, either orally or in a separate writing, directs J.P. Morgan to do so. All other terms and conditions applicable to the Margin Account are set out in the agreement entered into by the undersigned to purchase securities on margin, and to otherwise borrow against securities (together with any amendments, restatements, modifications, or supplements, the "Margin Account Agreement"), and the foregoing authorization is subject to the terms of the Margin Account Agreement.

F. Signature

All account owners are required to sign below.

The undersigned acknowledges that this authorization is subject to the General Terms for Accounts and Services, as the same may be amended, restated, supplemented, or otherwise modified from time to time in accordance with its terms. This authorization is to remain in full force and effect until written notice of its revocation is received by J.P. Morgan, in such time and in such manner as to afford J.P. Morgan a reasonable opportunity to act on it.

fa4/S

JEFFREY E. EPSTEIN

Signature

Date Name (Print)

Signature Date Name (Print)

Signature Date Name (Print)

Signature Date Name (Print)

3.13. Morgan use Only Title SPN CAS

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J.P. Morgan General Durable Power of Attorney Form J.P.Morgan

("I" means the person or entity who owns the J.P. Morgan Account(s))

JEFFREY E. EPSTEIN

Account holder/Principal in my individual capacity, AND/OR in my capacity as

PRESIDENT of SOUTHERN TRUST COMPANY, INC.

(Title) (e.g. Trust/Entity Name)

("Account holder" and "Principal"), hereby appoint net Trading, LLC and as my Agent(s) to act for me several!), and concurrently in any lawful way with respect to the following initialed Powers, Special Instructions or Modifications:

PARri

POWERS GRANTED - ACCOUNTHOLDER SHOULD INITIAL AT LEAST ONE POWER FROM (A) TO (F) AND/OR

SPECIAL INSTRUCTION FROM (Si) TO (SID):

TO GRANT UNLIMITED AUTHORITY, ACCOUNTHOLDER MAY INITIAL POWER (A).

OTHERWISE, INITIAL THE BOX

IN FRONT OF EACH POWER GRANTED. EACH POWER GRANTED SHALL BE SUBJECT TO ANY "SPECIAL

INSTRUCTIONS" OR "MODIFICATION" SELECTED BY THE ACCOUNTHOLDER IN PART 11 HEREOF.

INITIAL BELOW (Account holder):

L 1(A) UNLIMITED AUTHORITY. General authority to act in my name (in my individual capacity or in any other capacity that I may hold) and do all acts that a principal could do with respect to the powers described in the following sections of the Delaware Personal Powers of Attorney Act, Delaware Code, Title 12, Chapter 49 (as amended from time to time, the "Act"): Tangible personal property (49A-205 of the Act); Stocks and bonds (§ 49A-206 of the Act); Commodities and options (§ 49A-207 of the Act); Banks and other financial institutions (§ 49A-208 of the Act); Operation of entity or business (§ 49A-209 of the Act); Estates, trusts and other beneficial interests (§ 49A-211 of the Act); Retirement Plans (§ 49A-215 of the Act); Gifts (§ 49A-217 of the Act); To execute all agreements and documents related to the

regarding, and to engage in transactions and activities and exercise all powers identified in Powers 5 through a below. Specific authority to do the following in my name and on my behalf or with respect to my property or property held in my name: to create, amend, revoke, or terminate an Inter vivos trust, to Me extent I have the authority to do so; to make gifts (which authority shall not be subject to the limitations set forth in Section 49A-217 of the Act) out of my property or property held in my name and on my behalf; to exercise fiduciary powers that I have the authority to delegate: to reject, renounce, disclaim, release, or consent to a reduction in or modification of a share in or payment from an estate, trust, or other beneficial interest. (f.)

**IT I(S) CUSTODY.** General authority to act in my name (in my individual capacity or in any other capacity that I may hold) and do all acts that a principal could do with respect to the powers described in Sections 49A-205 through 49A-209, 49A-211, 49A-215 and 49A-217 of the Act, as applicable, in connection with the following: to operate all of my asset, custody, and related or linked deposit accounts and credit products and any related pledges thereto; to deposit money, checks, notes, stocks, bonds, mortgages, securities, and other instruments and property; to withdraw, transfer and sign checks, payment orders, and other instruments to be paid by me; to grant Morgan Chase & Co. and any of its affiliates, subsidiaries, successors or assigns (collectively, "3.P. Morgan") a security interest in such property otherwise available to me and to borrow money from P. Morgan secured by property held in accounts in my name; to engage in foreign exchange and mutual fund transactions; to purchase, sell, exchange, surrender, assign, redeem, vote in person or by proxy at any meeting, or otherwise transfer any and all shares of stock, bonds, or other securities in any business, association, corporation, partnership, or other legal entity, whether private or public, now or hereafter belonging to me; to execute and issue all necessary instruments for transfer of securities out of my name or out of any other name(s) and into the name of any nominee of J.P. Morgan or into other name(s).

**TRUSTEE; Custody, Stock and, 5. Bond transactions:**  
Trustee of the trust.

**General authority to act in my name (in my individual capacity or in any other capacity that I may hold) and do all acts that a principal could do with respect to the powers described in Sections 49A-205 through 49A-209, 49A-211, 49A-215 and 49A-217 of the Act, as applicable, in connection with the following: to operate all of my brokerage and margin accounts; to exercise all the authorities which are detailed in Power B above; to purchase and borrow or lend (on secured or unsecured basis), from, sell (including short sales in margin account), and to otherwise enter into transactions of any kind with J.P. Morgan with respect to any and all securities and financial instruments in which J.P. Morgan may deal, broker or act as counterparty from time to time, including (without limitation) stocks, bonds, debentures, notes, warrants, loans and loan participations, mutual funds, unit trusts, real estate, investment trusts, other types of pooled interest funds and commingled investment vehicles (including hedge funds), limited partnership interests, limited liability company interests, forward contracts, option or future contracts, repurchase (or reverse repurchase) transactions,**

securities lending, or any other certificates of indebtedness or interest of any and every kind whatsoever, whether publicly or privately offered; to enter into any derivative transactions with respect to the foregoing, Including over the counter equity derivatives and structured transactions (including, but not limited to options, swaps, collars, caps and floors); to pledge any funds or Instruments for the purposes of securing my obligations with respect to the foregoing; for trustees, to guaranty the obligations of other persons and entities and to pledge trust assets to secure the obligations of other persons or entities; to enter Into foreign exchange or foreign currency transactions in any form.' to execute all margin, option, derivative, private placement, hedge fund, alternative investment, subscription, and other brokerage and custody related contracts and agreements. I hereby agree to Indemnify land hold harmless J.P. Morgan and any other securities, commodities, or other dealer, broker, or firm from any and all losses arising from iany action taken by my Agent, or any action taken by any such dealer, broker, or firm upon instructions of my Agent, pursuant to this Power C.

3.P. Morgan Use Only

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