

Account Number	
ΓΙΝ	

Account Application and Agreement for Organizations and Businesses

Account Ownership	Select the Organization/Business Structure:			
Is this entity/organization a business that provides commercial goods or services (i.e., an operating entity)?	Corporation Corp-Subchapter 'S' Limited Liability Company (LLC) Limited Liability Partnership (LLP) Limited Liability-Limited	State Ch State Ch State Ch	rter-Credit Union narter-S&L Bank narter-Savings Bank narter-Comm Bank narter-Trust Co.	Govt Agency-Local Ent Govt Agency-State Foundation Endowment
If no, specify the beneficial owner(s) of the organization/ business on page 9.	Partnership (LLĹP) Sole Proprietorship Partnership-General Partnership-Limited	State Ch	narter-Credit Union narter-Indust Loan rter-Savings Assoc	
Any changes or corrections to the information on this application must be initialed by you.	Association Partnership-Invest Club Invest Club Membership	Fed Chai	rter-Nat'l Bank rter-Trust Co. ency-Federal	
Account Owner Informa	ation			
Basic Information	Organization/Business Name:			
This section should be completed with the Organization/Business			Date of Incorporation/	Establishment
information.			Tax ID Number (TIN)	
If address is a P.O. Box or there are additional addresses please fill out the additional address informa-	Organization/Business is: 1) Incorporated Unincorporated 2) For Profit Not For Profit		Location of Address: Business-Primary Address Line 1	Other (specify):
tion on page 8.	Z) I TOTTION		Address Line 2	
	Is the Organization/Business publicly listed? No Yes, specify		City	State Zip
	Exchange (NYSE, AMEX, or NASDAQ) Ticke	er Symbol	Business Phone 1: ——	
			Business Phone 2: —	
	Industry Group (i.e., Construction, Service, etc.)	(optional)	
	Place of Formation/Incorporation: USA (if incorporated, specify State):		Business Fax:(optional)	
	Other: (specify)		and Disclosures bookle	ctronic delivery of your Agreements et and other disclosures? vrovide email address below,
	Tax Bracket (optional)			
			E-mail address	



Account Number ____

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Financial Information		
	Annual Income: \$	Fiscal Year-End: (indicate month)
	Liquid Assets: \$	Investment Experience (in years):EquitiesBondsFutures
	Net Worth: \$	Options-BuyOptions-Sell
	Do you receive a substantial amount of revenue (over 50%) (trade/export) from a country outside of the United States? No Yes If yes specify:	Does the organization/business own at least 10% of the shares of any publicly traded company? No Yes, specify company and %:
	Country(ies)	%
Secretary Information	1	
Complete only for Secretary of	Name	Address:
Corporation or Corporation Sub-		Address Line 1
Chapter S.	Title	Address Line 2
	Authorized to give instructions?	City State Zip Phone Number:
	per/Partner Information	Thore Number.
Complete this section for the Principal Officer/Owner for an Organization, Beneficial Owner/or Member of an LLC, Partner for a Partnership. Additional names can be added on page 7. If applying for the UBS Visa Signature credit card, the Principal Officer/Owner must complete the UBS Resource Card Program section on page 4. If you answer "yes" to the NYSE Rule 407 question, a letter of authorization from the firm specified must be obtained before the account can be opened.	SS#: Citizenship: USA Other: (specify) Passport/Cedula (If non-U.S. and no Social Security Number specified) Location of Address: Home-Legal Residence Business Primary Other: (specify) Address Line 1 Address Line 2 City State Zip	No Yes, specify: Firm
account can be opened.	Home Phone Date of Birth:	UBS Financial Services Inc., UBS Securities LLC)? No ☐ Yes, specify: Affiliate/Subsidiary
		Employee Name/SS#



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SS#/TIN

Account Information	1
Account Investment O	bjectives
Aggressive/Speculative: Seeks the potential for significant appreciation; willing to accept a high degree of loss of principal. Moderate: Seeks potential returns with a lower risk of loss of principal. Conservative: Seeks securities that are most likely to preserve principal with low risk.	Return Objective: (select one) Capital Appreciation: Investments seeking growth of principal rather than the generation of income. Current Income and Capital Appreciation: Investments seeking both the generation of income and the growth of principal. Current Income: Investments seeking the generation of income. Primary Risk Profile: (select one) Aggressive/Speculative
Senior Political Affiliat	ion
	 I) Are you, any authorized signatories, beneficial owners, trustees, power of attorneys or other individuals with authority to effect transactions, a current U.S. political official (as defined in section I-B on page 8)?
Source of Funds	
If funds are from investments transferred from another firm, please indicate the source of funds to purchase the initial investments.	Please indicate the source of funds in the account: (Check all that apply.) Income from the business/organization Investors/Venture Capital Inheritance – from whom: Gifts – from whom: Sale of Real Estate – location: Legal Settlement Sale of Business – name: Other – specify:
JBS Bank USA Deposit	Account Sweep Program - For Sole Proprietors and Government Agencies
	Uninvested cash balances in Business Services Account BSA®, with some exceptions, will be automatically deposited into the UBS Bank USA Deposit Accounts. Please see the Client Relationship Agreement and the Agreements and Disclosures booklet for important information related to the Deposit Account Program.
CAP ELECTION The cap minimum is \$100,000 for individual accounts or \$200,000 for joint accounts, in each case on a per account basis.	Check here to cap the amount of uninvested cash that will sweep into the Deposit Account, and select a secondary sweep option below: RMA Money Market Portfolio New York Municipal Fund New Jersey Municipal Fund California Municipal Fund Tax-Free Fund U.S. Government Portfolio Puerto Rico Short Term Investment Fund, Inc. (For Puerto Rico residents only) ⁴
ALTERNATIVES TO THE DEPOSIT ACCOUNT ^{2,3}	If you do not want to sweep into the Deposit Account you can select one of the sweep options below: New York Municipal Fund New Jersey Municipal Fund California Municipal Fund Puerto Rico Short Term Investment Fund, Inc. (For Puerto Rico residents only)
Non-Deposit Account S	weep of Uninvested Cash Balances ^{2,3} - For All Other Businesses/Organizations and Managed Programs
	RMA Money Market Portfolio New York Municipal Fund California Municipal Fund Tax-Free Fund U.S. Government Portfolio Puerto Rico Short Term Investment Fund, Inc. (For Puerto Rico residents only) ⁴

'If you have multiple accounts in the same insurable capacity (for purposes of the FDIC insurance rules) at UBS, or if you hold other deposits including Certificates of Deposit at UBS Bank USA, you may exceed FDIC insurance limits even if you have placed a limit on the amount of cash that will be swept from those account into UBS Bank USA Deposit Accounts. UBS will not be responsible for any insured or uninsured portion of the Deposit Accounts. (Refer to the Deposit Account Sweep Program disclosure statement in the Agreements and Disclosures booklet for more details.) ²Money market funds are sold by prospectus only, are NOT FDIC-INSURED, NOT BANK GUARANTEED, AND MAY LOSE VALUE. 3State municipal funds are designed for residents of those states, respectively. 4Puerto Rico Short Term Investment Fund, Inc. is offered exclusively to Puerto Rico residents as defined in the Fund's prospectus. The Fund is not a money market fund registered under the U.S. Investment Company Act of 1940, does not comply with rules applicable to U.S. registered funds and presents a higher degree of risk than those funds. The Fund is sold by prospectus only, is NOT FDIC-INSURED, NOT BANK GUARANTEED, AND MAY LOSE VALUE. For Puerto Rico residents holding accounts with UBS Financial Services Incorporated of Puerto Rico only.



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	SS#/IIN
General Account Feature	s
	MARGIN ¹
	Accounts automatically come with margin unless they are Retirement, UGMA/UTMA, Estate, 529 Plan, or certain other accounts. Most managed programs cannot have margin.
	Check here if you do not want margin. If the account will have margin, answer the following questions:
	1 Do you intend to engage in "pattern day trading" as defined by NYSE Rule 431? ² Yes No
	2 Do you have any other margin accounts with UBS Financial Services Inc.? Yes No If yes, complete:
	Account Number Account Number Account Number Account Number
	DUPLICATE PARTIES
	If you would like duplicate trade confirmations and statements sent to additional individuals, complete the duplicate party information on page 7.
means purchasing and selling or selling	Please review UBS Financial Services' Loan Disclosure Statement carefully for information on the risks involved with using margin. ² Day trading ng and purchasing the same security in the same day in a margin account . "Pattern day trading" means executing four or more day trades within ay trades exceeds six percent of the total trades during that period.
,	re Credit Card, the Principal Officer/Owner must complete the UBS Visa Signature® credit card section below. an annual fee as described in the Agreements and Disclosures booklet.
UBS RESOURCE CARD PROGRAM¹	UBS American Express Card ²
Indicate the card level for	Indicate the person's name(s) that should appear on the Card(s):
the account:	
Select Level (default) -	Name 1 (not exceeding 26 characters)
Includes a UBS American	
Express Card and UBS Visa Signature credit card ³ .	Name 2 (not exceeding 26 characters)
Premier Level - Includes a	UBS Visa Signature Credit Card ³
UBS American Express Card and UBS Visa Signature	Indicate the person's name(s) that should appear on the Card(s):
credit card ³ and provides	
additional rewards and ben- efits. \$350 additional annual	Applicant Name (not exceeding 26 characters)
upgrade fee applies. See the Agreements and Disclosures booklet for further details.	
	Additional Card Member (if applicable) (not exceeding 26 characters) Requested Revolving Credit Lir
	Does the Principal Officer/Owner own or rent their home? Own Rent credit card only
	Code Name letters only (For identity verification purposes)
	Check here to enroll UBS Rewards Delivery: Standard (default) Overnight (Fees may apply)
	¹ Only account owners can be issued cards in this section. Other individuals must be designated on the Authorized Agent/Dual Signor Addendum on page 16. ² Transactions with your UBS American Express Card are deducted automatically from your Business Services Account BSA account. See the Agreeme

and Disclosures booklet for details. Names provided below will appear on the cards in addition to the organization/business name provided on page 1. The UBS American Express Card for Business Services Account BSA is not an American Express Corporate Card or American Express Business Card. ³You can also apply for a UBS Visa Signature credit card by completing the information above. Transactions with the UBS Visa Signature credit card are billed separately from the Business Services Account BSA unless you request an automatic payment plan. Names provided below will appear on the cards in addition to the organization/business name provided on page 1. Issuance of the UBS Visa Signature credit card is subject to review and approval by Barclays Bank Delaware. Please see the UBS Visa Signature credit card Terms and Conditions for rate, fee and other cost information. 'UBS Rewards program allows you to earn points toward merchandise, travel and gift certificates. An annual \$50 enrollment fee will be charged to this account at the end of the month following enrollment.



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Business Services A	Account BSA	Features	continued
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CHECK WRITING	Select a check style (select one): Wallet* (free) (default) 3-page desk 3-page business Other To request dual signature checks complete the Authorized Agent/Dual Signor Addendum on pages 15-16. Delivery: Standard (default) Overnight (Fees may apply)		
Name/Address to appear on checks		Alternate Mailing	Address for Cards and Checks
Check here if the same as Name and		Client Name	
Mailing address on the account ⊡.		Address Line 1 - P.C	D. Box not permitted for cards
		Address Line 2	
	*Wallet checks are free; all other check styles involve a fee.	City	State Zip
BILL PAYMENT SERVICE	Please indicate your access preference for each: (select one for each service)		
	\square Online (web) \square ResourceLine SM (phone) - If ResourceLi	ne, complete pages 11	-12
ELECTRONIC FUNDS TRANSFER (EFT) SERVICE	☐ Online (web) ☐ ResourceLine SM (phone) - Complete pa	nges 13-14	
UBS ONLINE SERVICES	Check here for online access to account information.		



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Account Agreement

U.S. Federal law requires us to obtain, verify and record information that identifies each person or entity that opens an Account with us. When you open an Account, we will ask for your name, a street address, date of birth, and a tax identification number, such as a social security number. We may also ask to see a driver's license or other identifying documents that will allow us to identify you.

ACCOUNT, I UNDERSTAND, ACKNOWLEDGE AND AGREE ON BEHALF OF THE ORGANIZATION THAT:

A. I have supplied all of the information requested in this Account Application and I declare it to be true and accurate. I have received and read a copy of the Account Application and Agreement and the attached Client Relationship Agreement, and agree to be bound by the terms and conditions therein. Additionally, I will review the Agreements and Disclosures booklet upon receipt (or that I previously received) for additional terms and conditions. The Client Relationship Agreement together with all other agreements and disclosures that UBS Financial Services Inc. ("UBS") makes available to me, including any amendments, form the entire Agreement between me and UBS.

B. As more fully described in the Client Relationship Agreement, the Agreement applies to all of my accounts at UBS, including accounts I may open in the future ("Accounts"). With some exceptions, I will be able to open additional accounts or take advantage of services and account features in the future without signing additional documents. I will not receive another copy of the Client Relationship Agreement or the Agreements and Disclosures unless there are updates and amendments, or if UBS requires my signature on this Agreement when I open Accounts in another capacity.

C. If I am opening an account for a Sole Proprietorship, I certify that I am doing business under the Organization/Business name listed on page 1, and I am the sole owner of said business and said business is not organized as any form of corporation, partnership or limited liability company. I authorize UBS to accept any checks or other negotiable instruments payable to me and signed in the name of said business for deposit to the credit of my individual account(s) (including accounts for which I am a joint tenant, custodian or trustee) without limit as to amount, or further inquiry and without liability on the part of UBS. I agree to notify UBS immediately in the event I change the name under which said business is carried out or if said business is discontinued.

D. If I am opening an account for an LLC that is disregarded for income tax purposes, I have provided the tax identification of the beneficial owner on page 2;

E. When I use margin privileges, UBS will hold the securities in my Account as collateral against the amounts I borrow. I agree to keep sufficient positions and margin in my Account to meet any margin calls UBS may be required to issue.

BY SIGNING BELOW AND DEPOSITING CASH OR SECURITIES IN THE By signing below, I agree that the Margin Agreement in the Client Relationship Agreement applies to all of my accounts, including any accounts that I may open in the future. Note, however, that UBS does not extend margin for certain types of accounts (e.g., IRA and ERISA Plan accounts, Coverdell Education Savings Accounts, 403(b)(7) Accounts, UGMA/UTMA, Estate or 529 Plan Accounts). Likewise, I acknowledge and agree that certain securities in my account, including any account I may open in the future, may be loaned to UBS or to other persons or entities as described in the Margin Agreement.

F. As described in the last paragraph of the Client Relationship Agreement entitled "Arbitration," I am agreeing in advance to arbitrate any controversies in accordance with the terms therein;

G. UBS does not provide legal or tax advice;

H. If I have requested the UBS American Express Card or have applied for a UBS Visa Signature credit card, I agree to be bound by the terms and conditions of their respective cardholder agreements in the Agreements and Disclosures booklet.

W-9 Form Certification

Under penalties of perjury, by signing the first signature line below, I certify that: (1) the number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am 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 in the instructions).

Certification Instruction: You must cross out item (2) above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest or dividends on your tax return.

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

The Client Relationship Agreement contains a predispute arbitration on page 27.

Sign Here	ignature and W-9 Certification	Print Name	Date
Ā	Additional Party Signature	Print Name	Date
Ā	Additional Party Signature	Print Name	Date
Ā	Additional Party Signature	Print Name	Date
UBS Financial Services Inc. B	ranch Use Only		
	he client has been informed of all possible swe been issued all required disclosure documents.	eep options.	
Is the FA registered in both the	client's state of residence and mailing address	? Yes No	
What was the initial transaction	n for this account? 🗌 Buy 🔲 Sell 📗 De	eposit 🗌 Transfer of Accoun	ts
Initial Trade Information: Securi	ty Name: Security S	ymbol: Value:\$ _	or Shares:
How was the account obtained	? Walk-In/Call-In /Mail-In Seminar-CE	FS/Adv Svcs 🗌 Existing Client	Referral:
Interest/Dividends: Monthly	$/$ \square Weekly \square Hold in Account		
Account Settles: Assets in	Account 🗌 Equity DVP 🔲 Government I	DVP Transfer/Ship	
Sweep Fund: Bank Code:	Plan Code: Assoc Code: N	Managed Account Code:	Family of Account Code:



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Account Information Addendum

USA USA (specify)

Complete for each additional principal officer Attach an additional sheet if necessary. Principal Officer Name: E-mail address (optional) If applying for the UBS Visa Signature credit card, the Are any of the business owners, directors/principal offi-Principal Officer/Owner cers, or any of their immediate family members a control must complete the UBS person of any publicly traded corporation (examples of Citizenship: Resource Card Program seccontrol persons are policy making officers, directors or tion on page 4. USA Other: (specify) 10% shareholders)? ☐ No ☐ Yes, specify: Passport/Cedula (If non-U.S. and no Social Security Number specified) Are any of the business owners, directors/principal offi-If you answer "yes" to the cers, or any spouse affiliated with any securities firm, Location of Address: NYSE Rule 407 question, a excluding UBS and its affiliates, broker/dealer subsidiary ☐ Home-Legal Residence ☐ Business Primary letter of authorization from of a financial institution, securities or commodities Other: (specify) ___ exchange, self-regulatory organization or the UBS auditor the firm specified must be (currently Ernst & Young)? (NYSE Rule 407) obtained before the account can be opened. ☐ No ☐ Yes, specify: Address Line 1 Firm_ Address Line 2 Are any of the business owners, directors/principal officers, or any of their immediate family members, an employee of UBS AG, its subsidiaries or affiliates (e.g., City State Zip UBS Financial Services Inc., UBS Securities LLC)? ☐ No ☐ Yes, specify: Home Phone Date of Birth: _ Affiliate/Subsidiary Employee Name/SS# Complete for each duplicate party Check all that apply: Check all that apply: ☐ Trade Confirmation Recipient Trade Confirmation Recipient Statement Recipient Internal Location Code (UBS Financial Services Use Only): Internal Location Code (UBS Financial Services Use Only): Name of Duplicate Party Name of Duplicate Party Address Line 1 Address Line 1 Address Line 2 Address Line 2 City State Zip City Zip Citizenship: Citizenship:

USA Other: (specify)_



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Account Information Addendum

Relationship to Client(s):

Complete for each additional address Client Name Client Name Address Line 1 Address Line 1 Address Line 2 Address Line 2 City City State Zip State Zip Location of Address: Location of Address: Home: Legal Residence Home: Legal Residence Secondary Secondary Business: Primary Secondary Business: Primary Secondary Other: (specify)_ Other: (specify)_ Senior Political Affiliation Additional Information I) If you answered yes to section I on page 3, complete the information below: A) Political Official's Name: B) Current Position: President Vice President US Cabinet Member | Member of the House of Representatives | Supreme Court Justice | Chairman of the Joint Chiefs of Staff | Governor | Senator Chairman of the Joint Chiefs of Staff C) Relationship to Client(s): Self Immediate family member Close associate Associated with business or trust II) If you answered yes to section II on page 3, complete the information below: Official's/Organization's Name: Current or Former Position (include country name): _

☐ Self ☐ Immediate family member ☐ Close associate

Associated with business or trust



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Beneficial Owner Information Addendum

(For non-operating entities only)

Basic/Personal Informa	tion			
Complete this section for the beneficial owner(s) of	Name:	Location of Address: Home-Legal Residence Business-Primary		
non-operating entity. Attach an additional sheet if necessary.	Country of Citizenship (individuals) / Place of Formation (trusts, estates and organizations):	Address		
If you completed the Beneficial Owner Information for an LLC on page 2, it is not neces-	USA (if organization is incorporated, specify State): Other: (specify):	City	State	Zip
sary to complete this addendum.	Date of Birth (individuals only):			
Note, Beneficial Owner is any person or entity that has an ownership interest in an account, regardless of	Name:	Location of Address: Home-Legal Residence Business-Primary		
the account title or named authorized person(s).	Country of Citizenship (individuals) / Place of Formation (trusts, estates and organizations):	Address		
If address is a P.O. Box, or there are additional addresses, complete the	USA (if organization is incorporated, specify State): Other: (specify):	City	State	Zip
Additional Address information on page 8.	Date of Birth (individuals only):			
	Name:	Location of Address: Home-Legal Residence Business-Primary		
	Country of Citizenship (individuals) /	Address		
	Place of Formation (trusts, estates and organizations): USA (if organization is incorporated, specify State): Other: (specify):	City	State	Zip
	Date of Birth (individuals only):			
	Name:	Location of Address: Home-Legal Residence Business-Primary		
	Country of Citizenship (individuals) /	Address		
	Place of Formation (trusts, estates and organizations): USA (if organization is incorporated, specify State): Other: (specify):	City	State	Zip
	Date of Birth (individuals only):			

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DTCC/COD Instructions	i o deliver versus paymont) places provide sither DTCC	or Fod Wire instructions	
If your account is set up to deliver securities and cash to a third party (DTCC Clearing Number: Name of Deliverin		Internal Account Numb		
Additional Information:				
			Del/Rec N Y	
Government Delivery Instructions				
ABA Number: Bank Name:		Department:		
Third Party:		Internal Account Numb	per:	
Other Instructions:		_		
Physical Delivery:				
ID Confirm Instructions				
Institutional ID Number: Agent Bank/ID:	Instructions Matrix:	AID CID:		
Internal Account Number of Receiving Bank:	Internal Account Nur	mber of Institution:		
Interested Party ID Number:	Interested Party Inter	Interested Party Internal Account Number:		
Interested Party ID Number:	Interested Party Inter	Interested Party Internal Account Number:		
Receive Physical Master Confirm: SID Indicator: Yes No Yes (on SID) No (Not on SID)	GHMRW35:			
Special Instructions:				



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Bill Payment Service

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The Bill Payment Service allows you to pay your bills and/or make payments to a third party vendor without writing and mailing a check. If paying bills via ResourceLineSM, complete the information.

UBS Online Services clients can set up Vendor/Payee information online.

*Please note that RMA®, IRMA® and Business Services Account BSA® offers an easy-to-use expense-coding system. Using pre-assigned letters (except H, I, J, O, Q and X), you may establish your own expenditure categories and track them either on your UBS Financial Services Inc. check register or online. When writing checks and submitting bill payments, be sure to indicate your expense code. For your convenience, all checking and bill payment expense codes are totaled on your monthly premier statement.

Please attach a separate sheet to add more Vendors/Payees.

On Demand Payments require the client's verbal consent for the branch to initiate the payment.

VENDOR	/PAYEE 1		VENDOR/PAYEE 2			
Name of \	Vendor/Payee		Name of	Vendor/Payee		
Vendor/Pa	ayee Account Number		Vendor/P	ayee Account Nu	umber	
Vendor/Pa	ayee Street Address		Vendor/P	ayee Street Addr	ress	
City	State Co.	untry Postal Code	City	State	Country	Postal Code
Vendor/Pa	yee Telephone Number	*Expense Code (Optional)	Vendor/Pa	ayee Telephone I	Number	*Expense Code (Optional)
Recurring	g Payments:		Recurrin	g Payments:		
3	y Bi-weekly	m - ResourceLine) um - UBS Online Services) Monthly Annually		y: (select one)	00 maximum - Ul	sourceLine) BS Online Services) Monthly Annually
Start Date (May not be greater than 1 year from the current date)		Start Date (May not be greater than 1 year from the current date)				
End Date (May not be greater than 30 years from the start date)		End Date (May not be greater than 30 years from the start date)				
Final Payment Amount (specify if different from recurring amount)		Final Payment Amount (specify if different from recurring amoun		om recurring amount)		
	and Payments:			and Payments:		
,	ents permitted		Payments permitted			
Upon verbal authorization in an amount not to exceed		ount not to exceed	Upon verbal authorization in an amount not to exceed			
\$ (\$100,000 if left blank)		\$ (\$100,000 if left blank)				



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Bill Payment Service continued

Please attach a separate	VENDOR/PAYEE 3		VENDOR/PAY	EE 4	
sheet to add more Vendors/Payees.	Name of Vendor/Payee		Name of Vendor/Payee		
	Vendor/Payee Account Number		Vendor/Payee Account Number Vendor/Payee Street Address		
	Vendor/Payee Street Address				
	City State Country	Postal Code	City	State Country	Postal Code
	Vendor/Payee Telephone Number	*Expense Code (Optional)	Vendor/Payee ⁻	Telephone Number	*Expense Code (Optional)
	Recurring Payments:		Recurring Pay	ments:	
	Recurring Amount (\$100,000 maximum - Res (\$100,000 maximum - Ul Frequency: (select one) Weekly Bi-weekly Quarterly Semi-annually		Recurring Amo	Bi-weekly	
	Start Date (May not be greater than 1 year from the current date)		Start Date (May not be greater than 1 year from the current date)		
	End Date (May not be greater than 30 years from the start date)		End Date (May not be greater than 30 years from the start date)		
	Final Payment Amount (specify if different fro	m recurring amount)	Final Payment	Amount (specify if different fro	om recurring amount)
On Demand Payments require the client's verbal consent for the branch to initiate the payment.	On Demand Payments: Payments permitted		On Demand I	permitted	
	Upon verbal authorization in an amount r \$ (\$100,000 if le		·	nthorization in an amount r	
Client Authorization					
I authorize UBS Financial Serv Business Services Account BS	vices Inc. to initiate payments indicated ab A , and authorize UBS Financial Service In ations to transactions requested by me.	ove (including adju c. to debit the same	stments for any e e to such accoun	entries made in error) fron it. I authorize UBS Financ	m my RMA or cial Services Inc. to
	ns will remain in effect until UBS Financial ner as to afford UBS Financial Services Inc				mination or modifi-
Services Account BSA to cove	vices Inc. at its option to discontinue the E er my requested payments. All Bill Payme t. I acknowledge that the initiation of ele	ents will be initiated	in accordance v	vith this authorization and	d the terms and cor
Sign Here	Account Holder Signature	Date	Account Holde	er Signature	Date



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Electronic Funds Transfer Service

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Non-UBS Financial Services Inc. Accounts

Complete the information below for your accounts other than UBS Financial Services Inc. accounts.

The ABA routing number usually appears on the bottom of printed checks or deposit tickets. If account permission "Withdrawal from" is selected, please attach a voided check (for checking accounts) or a deposit slip (for savings accounts). If neither is available a client statement or letter on bank stationery confirming account title, account number, and ABA routing number is sufficient.

To transfer funds into a UBS Financial Services Inc. account from a UBS Financial Services Inc. or external account that is titled differently, a signed Letter of Authorization from all account holders is required.

If the authorized external account is a money market account, select the "Checking" account type.

On Demand Transfers require the client's verbal consent for the branch to initiate the transfer and are limited to the External Account Permission selected for that account.

AUTHORIZED EXTERNAL FINANCIAL INSTITUTION 1	AUTHORIZED EXTERNAL FINANCIAL INSTITUTION 2	
Name of Financial Institution	Name of Financial Institution	
ABA Routing Number Account Number	ABA Routing Number Account Number	
Account Title/Name	Account Title/Name	
Account Type: Savings Checking	Account Type: Savings Checking	
Financial Institution Telephone Number	Financial Institution Telephone Number	
External Account Permission: (select all that apply)	External Account Permission: (select all that apply)	
Deposit to authorized external account	Deposit to authorized external account	
Withdraw from authorized external account	Withdraw from authorized external account	
Recurring Transfers:	Recurring Transfers:	
Recurring Amount (\$100,000 maximum - ResourceLine) (\$1,000,000 maximum - UBS Online Services)	Recurring Amount (\$100,000 maximum - ResourceLine) (\$1,000,000 maximum - UBS Online Services)	
Recurring Permission: (select one) must also be selected as an external account permission above	Recurring Permission: (select one) must also be selected as an external account permission above	
Deposit to authorized external account	Deposit to authorized external account	
Withdraw from authorized external account	☐ Withdraw from authorized external account	
Frequency: (select one) Weekly Bi-weekly Monthly Quarterly Semi-annually Annually	Frequency: (select one) Weekly Bi-weekly Monthly Quarterly Semi-annually Annually	
Start Date (May not be greater than 1 year from the current date)	Start Date (May not be greater than 1 year from the current date)	
End Date (May not be greater than 30 years from the start date)	End Date (May not be greater than 30 years from the start date)	
On Demand Transfers:	On Demand Transfers:	
☐ Transfers permitted	☐ Transfers permitted	
Upon verbal authorization in an amount not to exceed	Upon verbal authorization in an amount not to exceed	
\$ (\$100,000 if left blank)	\$(\$100,000 if left blank)	



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Electronic Funds Transfer Service continued

UBS Financial Services Inc. AccountsComplete the information below for your other UBS Financial Services Inc. accounts.

	DESIGNATED INTERNAL ACCOUNT 1	DESIGNATED INTERNAL ACCOUNT 2
	UBS Financial Services Inc. Account Number	UBS Financial Services Inc. Account Number
	Account Title/Name	Account Title/Name
	Internal Account Permission: (select all that apply) Deposit to designated internal account Withdraw from designated internal account	Internal Account Permission: (select all that apply) Deposit to designated internal account Withdraw from designated internal account
	Recurring Transfers:	Recurring Transfers:
	Recurring Amount (\$100,000 maximum - ResourceLine) (\$1,000,000 maximum - UBS Online Services)	Recurring Amount (\$100,000 maximum - ResourceLine) (\$1,000,000 maximum - UBS Online Services)
	Recurring Permission: (select one) must also be selected as an internal account permission above Deposit to authorized internal account Withdraw from authorized internal account	Recurring Permission: (select one) must also be selected as an internal account permission above Deposit to authorized internal account Withdraw from authorized internal account
	Frequency: (select one) Weekly Bi-weekly Monthly Quarterly Semi-annually Annually	Frequency: (select one) Weekly Bi-weekly Monthly Quarterly Semi-annually Annually
	Start Date (May not be greater than 1 year from the current date)	Start Date (May not be greater than 1 year from the current date)
On Demand Transfers require the client's verbal	End Date (May not be greater than 30 years from the start date)	End Date (May not be greater than 30 years from the start date)
consent for the branch to initiate the transfer and	On Demand Transfers:	On Demand Transfers:
are limited to the Internal	☐ Transfers permitted	☐ Transfers permitted
Account Permission selected for that account.	Upon verbal authorization in an amount not to exceed	Upon verbal authorization in an amount not to exceed
	\$ (\$100,000 if left blank)	\$ (\$100,000 if left blank)
Client Authorization		
ing adjustments for any External Account(s) or	entries made in error) to or from my account(s) listed above,	transactions to my accounts. I authorize UBS Financial Services
cation in such time and		as received written notification from me of termination or modifi- opportunity to act on it. If I close or change any account listed
adequate funds in such	al Services Inc. at its option to discontinue the electronic funds in account(s) to cover my requested transfers. All electronic fur ditions governing my account. I acknowledge that the initiation	transfer service from any accounts listed above if I fail to maintai ids transfers will be initiated in accordance with this authorization n of electronic funds transfers must comply with applicable
Sign Here	Account Holder Signature Date	Account Holder Signature Date



Account Number	
TIN	
IIIN	

Authorized Agent/Dual Signor Addendum

RW

To add an additional card or check user on the Resource Management Account (RMA) or Business Services Account BSA, complete the Authorized Agent for RMA/Business Services Account BSA Cards and Check Writing and the Account Holder Certification sections. To remove an authorized agent, complete the Authorized Agent Removal and the Account Holder Certification sections. If the dual-signature option is selected on the Account Application, complete the Dual Signors for RMA/Business Services Account BSA Check Writing and the Account Holder Certification sections. The Account Holder must sign the Account Holder Certification section located on the next page.

Authorized Agent for RMA/Business Services Account BSA Cards and Check Writing

Each additional card and/or check user (who is not a minor) named below is appointed an agent to me, unaffected by my subsequent disability or incompetence, to effect card and/or checking transactions in my designated UBS Financial Services Inc. account. As indicated below, the additional card and/or check user is authorized to act on my behalf to effect transactions using my UBS American Express Card and/or UBS Visa Signature credit card, and/or write checks for the payment or withdrawal of funds drawn on the designated UBS Financial Services Inc. account or payable to me and bearing the signature or signatures now or hereafter authorized by me without limit as to amount, without inquiry and without regard to its application. UBS Financial Services Inc. will send all confirmations, notices, demands, statements and other communications regarding checking activity in the designated UBS Financial Services Inc. account to me. UBS Financial Services Inc. owes no obligations to additional card and/or check users and may, but is not required to, act on instructions or respond to communications from such additional users.

	Agent Name	Home Address		
	SS#:	City	State Zip	_
	Passport/Cedula (If non-U.S. and no Social Security Number specified)	Mailing Address (if differe	ent than home address)	
	Date of Birth:	City	State Zip	
	Home Phone: Country of Citizenship (if other than USA)	UBS Visa Signature	☐ UBS American Express Card credit card ☐ Check Writing y. Please see the Agreements and details.	
Sign Here only if adding				
an authorized agent	Agent Signature	Date		
	moval for RMA/Business Services Account BS thorized agent, please print the name of the agent you		1	
Specify Name only if removing an agent	 Agent Name	 Agent Name		_



			Account Number	
			TIN	
Authorized Agent/D	ual Signor Addendum continued			
Dual Signors for RM	A/Business Services Account BSA	Check Writing		
to be required, at all times required signor, please spe	require two signatures at all times. If s, please check "Required" next to the sign ecify all signors as optional. If the individua of attorney, etc.) also complete the Author	or's name. Only one I designated below i	individual can be a required signor. If you s not a UBS Financial Services Inc. client (do not designate a .e. account holder,
	NOT want UBS Financial Services Inc. to orc JBS Financial Services Inc. will not accept sir			ole for obtaining check
Cian Hora calcif	Dual Signor 1 Name Specify the type of signor: Requ	iired	Dual Signor 2 Name Specify the type of signor: Req	uired Doptional
Sign Here only if adding a Dual Signor	Dual Signor's Signature	Date	Dual Signor's Signature	Date
	e and sign a new addendum to add, remov rcede and replace any other previous dual s			n the most recently
déclare it as true and acc	ification ERSTAND, ACKNOWLEDGE AND AGREE 1 urate and (2) UBS Financial Services Inc. is eives an updated copy of this form revoki	authorized to rely i	upon the authority conferred by this do	
SIGN HERE	Account Holder Signature	Date	Account Holder Signature	Date
	Account Holder Signature	Date	Note: If there are additional aut dual signors please print anothe form.	



Account Number	
TIN	

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About Your UBS Finance	ial Services Inc. Account		
	Account Title		
	For Retirement Accounts Only—Account is to be t		
	☐ Traditional IRA ☐ Traditional IRA Rollover	☐ SEP IRA ☐ Roth IRA	U Qualified Plan
	☐ SIMPLE IRA ☐ CODA SEP-IRA	Coverdell Education Savings Ac	
	The account is transferring from a qualified retiremer Traditional IRA SEP IRA *Pursuant to IRS Regulations, qualified retirement plan assets can	Rollover IRA CODA SEP IF	
About the Account You	Are Transferring		
Please refer to your statement for the following information and attach a complete copy of your	Name(s) and Title of Account on your statement	Name of Firm/Fund Company	Broker Clearing #
most recent statement for this account.	Your Account Number	Street Address of Firm/Fund C	Company
Please complete a separate form for each account you transfer (photocopies	SS#/TIN:	Citv	State Zip
are acceptable).	2nd SS#/TIN:		
Type of Transfer You A	re Making Please answer the following questions		
Indicate the number of shares of each asset you wish to transfer or write "all "	Do you wish to transfer your entire account? If you answered "yes," skip to the next question. If y an insurance or mutual fund company, please provide	ou answered "no," and the transfer is	
write "all."	Description of Asset Quantit	y Description of Asset	Quantity
	1.	4.	
	2.	5.	
	3.	6.	
Some assets are not trans- ferable. If the asset is not transferable, UBS Financial	Are you transferring directly from an insurance of If you answered "no," skip to the next question. If you each annuity or mutual fund you intend to transfer.		
Services Inc. may be named broker-dealer and/or custo- dian at the company, or the	Name of Fund/Annuity	Account Number	# of shares or "All")
assets can be sold. Requests to sell positions are	1.		
dependent upon the delivering firm receiving and	2.		
processing the request and may take several weeks to complete. Liquidations can	3.		_
also be processed by calling the delivering firm.	4.		
UBS Financial Services Inc.	Branch Use Only - For in-kind transfer of directly00 To request a BIN number, open	held mutual funds, establish a BIN a Star Case to Mutual Funds, Cre	



Account Number __

			TIN		
Type of Transfer You A	re Making continued				
Initiate the transfer of a maturing Certificate of	Are you transferring directly from a Ban If you answered "no," skip to the next ques I am only transferring cash. Please transfer: I have a CD that I want to transfer. Please:	stion. If you a	nswered "yes," please complete the fol n account		
Deposit (CD) no more than two weeks prior to the	Liquidate it IMMEDIATELY. I am aware o Liquidate it AT MATURITY. Maturity date			-	
maturity date. Otherwise, you may incur early withdrawal penalties.	Do you wish to liquidate any assets as part of this transfer? Yes No If you wish to liquidate any assets prior to this transfer, please supply the branch operations manager at your previous firm with verbal instructions and advise your Financial Advisor at UBS Financial Services of this liquidation request.				
Please transfer the assets specified to UBS Financial Services Inc., which has been authorized by me to make payment to you of the debit balance or to receive payment of the credit balance in my securities account. I understand that to the extent any assets in my securities account are not readily transferable, with or without penalties, such assets may not be transferred within the time frame required by New York Stock Exchange Rule 412 or similar rule of FINRA or other designated examining authority. Unless otherwise indicated in the instruction contained herein, I authorize you to liquidate any proprietary money market fund assets that are part of my securities account and transfer the resulting credit balance to UBS Financial Services Inc. I understand that you and/or UBS Financial Services Delivering Agent: Please refer to the attached page for delivery instruct		Inc. will contact me with respect to the disposition of any other assets in my securities account that are either non-transferable or non-deliverable. If certificates or other instruments in my securities account are in your physical possession, I instruct you to transfer them in good deliverable form, including affixing any necessary tax waivers, to enable UBS Financial Services Inc. to transfer them in its name for the purpose of sale, when and as directed by me. I further instruct you to cancel all open orders for my securities account on your books if this is a full transfer as noted on this form. I affirm that I have destroyed or returned to you any credit/debit cards and unused checks given to me in connection with my securities account if this is a full transfer as noted on this form. Jions.			
SIGN HERE	Account Owner's Signature	Date	Additional Party Signature	Date	
	Additional Party Signature	Date	Additional Party Signature	Date	
Authorization (UBS Finance	cial Services Inc. completes).				
To the prior trustee or cust	odian: Please be advised that UBS Financial Se	rvices Inc. wil	accept the above-captioned account a	as successor custodian.	
Successor Custodian/Truste	e Authorized Signature		Date		
For Internal Branch Use Only Liquidations 1. Check with the client to determine if any assets require liquidation. 2. If liquidations are requested, ask the client to contact the branch operations manager at previous firm with verbal instructions. Verbal instructions will result in fewer delays in the transfer process. PLEASE DO NOT SEND		ACAT vers following of transferred Account is	on request. Sus Non-ACAT—The transfer is an ACAT conditions are met: Either part of or the eland the delivering firm is ACAT-eligible. transferring via: ACAT Non-ACA should process the transfer and retain the	entire account is to be AT. If ACAT or Non-ACAT,	

All Account Transfer procedures are available on BGAP.

LIQUIDATION INSTRUCTIONS TO THE ACCOUNT

TRANSFER DEPT. Always follow up the next day to ensure execution



Account Transfer Form Delivery Instructions

Delivery Instructions: **All deliveries must include client name and UBS Financial Services Inc. account number.** (Tax Identification No. 13-2638166)

Branch Contact Information	Contact Name:
	Branch Address:
	City/State/ZIP://
	Phone:
Forward Checks	Forward checks to the branch contact listed above. Note: if no branch contact information is listed above, forward checks to:
	UBS Financial Services Inc. 1000 Harbor Blvd. Weehawken, NJ 07086 Attn: Central Check Deposit, 8th Floor All checks must include client name and UBS Financial Services Inc. account number.
All DTCC-Eligible Securities	Deliver to DTCC Clearing Number 0221. If you have any questions about the clearing number, please call 201-352-6300. All deliveries must have client name and UBS Financial Services Inc. account number.
Foreign Settlement Securities.	For Global Depositories: Euroclear 92770 (Free Transactions) Euroclear 92980 (VS Payment) For Local Market Agent Banks or Clearstream: Contact the international operations group at 201-352-5915.
Dividend Reinvestment/Closed-end Mutual Funds	Issue a certificate for all whole shares, liquidate all fractional shares and discontinue dividend reinvestment. All deliveries must include client name and UBS Financial Services Inc. account number.
Physical Delivery of Securities	Physical Securities Window UBS Financial Services Inc. 1000 Harbor Blvd., 6th Floor Weehawken, NJ 07086 All deliveries must have client name and UBS Financial Services Inc. account number.
Retail Transfer of Federal Funds	UBS AG ABA #026007993 UBS FINANCIAL SERVICES A/C #101-WA-258641-000 F/C UBS-FINSVC CLIENT A/C NAME A/C UBS-FINSVC INTERNAL A/C NUMBER
U.S. Government/Fed Book Entry Securities	ABA #021000018 BK OF NYC/UBSFS/CLIENT A/C # & NAME
For Correspondence Related to a Liquidation or Transfer of Any Security or Annuity Product	UBS Financial Services Inc. Branch (refer to branch contact information listed above). If not listed, call the Phone Number on Client Statement to Obtain Proper Address Do not send liquidation paperwork to Account Transfer Dept.
For Limited Partnerships and Retirement Account Transfer Related Correspondence From Contra Firms Only	
(Clients: Please send to your Financial Advisor at the UBS Financial Services Inc. branch office.)	1000 Harbor Blvd. Weehawken, NJ 07086 Attn: Account Transfer, 6th Floor Must include client name and UBS Financial Services Inc. account number.



Client Relationship Agreements

Introduction

At UBS, we understand that we succeed only when our clients succeed. With that in mind, we provide a customized approach to wealth management, built on your personal relationship with your Financial Advisor and shaped by an understanding of your needs and aspirations.

Known as the Client Relationship Agreement, this document outlines the terms and conditions of your relationship with us. By maintaining your Accounts at UBS, you agree to these terms and conditions and the other agreements and disclosures we refer to here.

To confirm that our records are complete, we will send you a record of the information you give us after you open a new Account.

Please note: this Client Relationship Agreement **applies to all of your accounts at UBS**, including any Accounts you may already have with us and Accounts you may open in the future. You will not receive another copy of the Client Relationship Agreement or other Agreements and Disclosures unless there are updates and amendments, or if we require your signature on this Agreement when you open Accounts in another capacity. Some of the information in this document and the other agreements and disclosures we send you may not apply to you now. Please retain these documents for future reference because they contain important information if you decide to add services or open new Accounts.

The terms and conditions in this Client Relationship Agreement apply to all Accounts you open with UBS Financial Services Inc. or UBS Financial Services Incorporated of Puerto Rico or any other introducing broker-dealer that has a clearing agreement with UBS Financial Services Inc. In addition, we will send you other agreements and disclosures for the UBS accounts and services you choose when you open your account, as well as features you may add in the future. We refer to all these documents, including any amendments, as the Agreements and Disclosures booklet.

Your acceptance of your initial Client Relationship Agreement will serve as your agreement to the terms and conditions governing any new Accounts, features or services. Deposits of cash or securities and your continued use of your UBS Accounts constitutes your agreement to all of the terms and conditions applicable to your Accounts. If you do not agree to the terms and conditions, you may cancel a feature or service or close your account.

As a UBS client, you may decide to open additional Accounts or take advantage of services and account features in the future. With some exceptions, you will be able to do so without signing additional documents or agreements. Upon approval of your accounts and services, we will confirm your requests in writing and provide any relevant agreements and disclosures you have not already received. Any authorization of features and services you give us will remain in effect until a reasonable time after you notify us to terminate the feature or service.

It is important to note that when we act as your broker-dealer, we do not enter into a fiduciary relationship with you, regardless of the fee structure you select. Except in special circumstances, we are not held to the same legal standards that apply when we have a fiduciary relationship with you, as we do when providing investment advisory services. We will effect transactions for your brokerage Accounts only as instructed by you, and neither UBS Financial Services Inc. nor your Financial Advisor will have any discretion over your Accounts.

Representations

By signing a Client Relationship Agreement, you make the following representations:

- You are at least 18 years old or have reached the age of majority according to the laws of the state in which you reside
 and the laws of the State of New York.
- You have notified us if you, your spouse or any beneficial owner of the Account(s) are or become employed by any of
 the following: a member firm of FINRA or other exchange (including broker/dealer subsidiary of a bank, insurance company or other financial institution), or securities or commodities exchange or self-regulatory organization or any of their
 affiliated organizations or UBS's independent auditor. You agree to notify us promptly of any changes.
- No one other than you, and the individuals identified to UBS in connection with the opening of the Account, has or will
 have an interest in your Account unless you notify us in writing and UBS Financial Services Inc. agrees to continue to
 carry the Account.
- All of the personal and financial information you have supplied to UBS is true and accurate, and you will notify UBS
 promptly of any material changes, particularly the information regarding your residence, financial situation, investment
 objectives or tax status.
- You understand that UBS provides financial and investment services only and does not provide legal or tax advice.
- If you are acting as executor, trustee, conservator, guardian or custodian:
 - o You understand that you are a fiduciary on behalf of the beneficial owners of the Account and that you have a duty to use the services and features provided through the Account for the benefit of the beneficial owners of the Account and not for your own benefit.

"Accounts" refers to all accounts you open with us now or in the future.

We refer to the Client Relationship Agreement together with all other agreements and disclosures that we make available to you, including any amendments, as our "Agreement" with you.

"You," "your" and "yours" refer to you as a client of URS

"UBS," "we," "us," "our" and "ours" refer to UBS Financial Services Inc. and unless we indicate otherwise, its successor firms, subsidiaries, correspondents and Affiliates, including its parent company, UBS AG.

"Affiliates" refers to UBS Financial Services Incorporated of Puerto Rico (which clears through UBS Financial Services Inc.), UBS Bank USA, UBS Credit Corp., UBS Trust Company, N.A. and their insurance agency affiliates and subsidiaries and all other subsidiaries and affiliates

Please refer to the Fees and Charges section of the Agreements and Disclosures booklet or more information about fees and charges. If you have questions, please contact your Financial Advisor.

The features and fees of your IRA are fully described in the Agreements and Disclosures booklet.

Please note: UBS does not extend margin for Individual Retirement Accounts

Employers with a SEP IRA or SIMPLE IRA plan for their businesses must sign a separate plan document. We



- o You acknowledge that you will make an independent determination that any activity in the Account is suitable and appropriate for the beneficial owners and that the compensation we receive is reasonable.
- o You understand and agree that this determination is solely your responsibility and not ours.

Fees and Charges

As a client of UBS, you agree to pay all fees and charges relating to your accounts for any transactions or services you receive from us, such as annual service fees, brokerage fees for securities transactions, fees for specific services you request and fees or charges by a third party that we incur in the course of providing services to you.

All fees and charges are subject to change at any time. Fees and charges will be charged to your accounts and may be satisfied, along with any other amounts you owe us, from free credit balances, margin and other assets in any of your accounts. We may sell assets in your Account to satisfy debit balances for any amounts due, including those resulting from unpaid fees and charges.

Individual Retirement Accounts

The Agreements and Disclosures booklet contains the UBS IRA Custodial Agreements and the IRA Disclosure Statements that apply to any Traditional, Roth, SEP or SIMPLE Individual Retirement Accounts (IRAs) you open with us now or in the future. If we make changes to the UBS IRA Custodial Agreement and the IRA Disclosure Statement we will send you updated documents, and you agree to be subject to those updated terms and conditions.

According to the UBS IRA Custodial Agreements, UBS Financial Services Inc. is named as the custodian of your IRA when we accept the Account. At your death, the beneficiary or beneficiaries you have designated on the Account Application will become entitled to your IRA.

Beneficiaries must be named in writing. Your written designation may apply to future accounts and in that case, we will confirm your designation in the Completing Your Account Opening Process package. If you do not designate beneficiaries, or your beneficiary designation does not effectively dispose of the assets, your beneficiary with respect to the IRA or any part of the IRA not effectively disposed of, will be your surviving spouse, or your estate if you do not have a surviving spouse. You may be charged a Custodial Account fee in connection with this IRA.

If this IRA account is funded via transfer from a non-UBS account, you represent that all transfers to this account originate from a same name inherited IRA of the same type indicated on this IRA Account Application (e.g., Traditional IRA, Roth IRA) and/or a direct rollover from a qualified plan which named you as beneficiary.

Accounts with Cash Management Features

The Agreements and Disclosures booklet contains the terms and conditions that apply to the cash management features you may select. All requests to enroll in cash management features are subject to approval. We consider your continued use of your Account as your acceptance of the applicable terms and conditions.

There are important differences in the cash management features and other services that are available to U.S. residents through UBS accounts and those that are available to clients who reside outside the U.S. For example, we have different sweep programs for uninvested cash and different Card programs for these accounts. This agreement and the Agreements and Disclosures booklet describe which programs apply to which types of accounts.

Verbal Authorization to Upgrade or Add Cash Management Features to an Account

For any account you have with us now or may open in the future, we may accept verbal requests to upgrade or add cash management features to your Account. Generally, we permit any authorized person to provide verbal instructions to upgrade or add services to your Account unless you instruct us otherwise. In some circumstances, we may ask you or another person who is named on the account to sign additional documents or provide additional information for those additional features. We will provide you updated terms and conditions for the services you request if we have not already sent them to you or another owner of the Account. We consider your use of the Account as your acceptance of the applicable terms and conditions.

UBS Deposit Account Sweep Program for Eligible Accounts and Other Sweep Options
Many UBS accounts participate in the UBS Deposit Account Sweep Program, which automatically "sweeps" the free cash balances in an Account, for which no interest is otherwise earned or paid, into an interest-bearing FDIC-insured Deposit Account at UBS Bank USA. Certain Accounts may be eligible for other Sweep Options.

If any of your Accounts are eligible to participate in the UBS Deposit Account Sweep Program, you authorize us on each business day to sweep the free cash balances in your eligible Accounts into a Deposit Account at UBS Bank USA or into the applicable Sweep Fund you have chosen or other Sweep Option. Likewise, you authorize us to withdraw Deposit Account balances or liquidate any shares in any Sweep Fund or other Sweep Option holdings as we may determine in our sole discretion.

In addition, you authorize us to make withdrawals from your Account in accordance with the terms of the UBS Deposit Account Sweep Program and the General Terms and Conditions in the Agreements and Disclosures booklet. You agree that we have the right to withhold the redemption, liquidation or withdrawal of proceeds or other payments from your account until all funds deposited in your account have been collected from other financial institutions. The duration of the collection periods are defined in the Agreements and Disclosures booklet. In some cases, it may be necessary for us to delay act-

accept any approved plan documents, known as prototypes, whether they were produced by UBS, an IRS model or a document from another provider. If you would like to use a UBS prototype, please ask for a copy of the SEP IRA Plan or SIMPLE IRA Plan prototype document from your UBS Financial Advisor.

UBS offers a variety of accounts with cash management features, including the Resource Management Account® (RMA), Business Services Account BSA® (BSA) and International Resource Management Account® (IRMA®).

Cash management features available for eligible accounts include:

- · Check writing
- Debit cards
- Credit cards
- Rewards programs
- Bill Payment
- Electronic Funds Transfer
- Margin loans

A "Sweep Fund" refers to one or more of the RMA money market funds as described in the respective prospectuses for the UBS RMA Funds, UBS Cashfund, or UBS Retirement Money Market Funds.

A "Sweep Option" refers to the UBS Bank USA Deposit Account Sweep Program, the Sweep Funds, the UBS International Deposit Account Sweep Program, the Puerto Rico Short Term Investment Fund or other sweep investment options as we may make available from time to time for eligible accounts.

Free cash balances in Individual Retirement Accounts (IRAs) and Coverdell Savings Accounts will sweep into the UBS Bank USA Deposit Accounts and for ERISA plans the accounts will sweep into the UBS Retirement Money Fund.



ing on instructions or effecting payments until your Account contains funds sufficient to meet your obligations. Your authorizations will remain in effect until a reasonable time after we receive notice from you to revoke them.

A full description of the UBS Deposit Account Sweep Program is included in the Agreements and Disclosures booklet. At times, we update or modify the UBS Deposit Account Sweep Program or change the Sweep Funds or types of Sweep Options in which free cash balances are swept. If you would like to change your Sweep Option, please contact your Financial Advisor.

Check Writing

Many UBS accounts incorporate a check writing feature. If you choose this feature for your account, you authorize us and our Check Provider to honor checks that bear your signature(s) and unsigned drafts that are presented on the basis of separate written authorization from you to the payee. These checks may be used only in conjunction with your accounts and only up to the account's "Withdrawal Limit" as defined in the General Terms and Conditions in the Agreements and Disclosures booklet. We will deduct funds from your Accounts and reimburse the Check Provider in federal funds when checks or drafts are presented to the Check Provider. We may delay or deny payment if there are insufficient available assets in your Account to cover payment on the day you write the check or authorize the draft through the day on which we deduct funds from your accounts to pay the check or draft.

Bill Payment and Electronic Funds Transfer Services

Many UBS accounts incorporate the Bill Payment and Electronic Funds Transfer services. If you enroll in these services, you authorize UBS and its processing bank to effect the types of transactions described in the Bill Payment and Electronic Funds Transfer Service Agreement. This service agreement also applies to other electronic transfers to or from your Accounts, including transfers made with UBS CashConnect feature and certain payments made through the Automated Clearing House ("ACH") system, even if you do not enroll in this service.

UBS American Express Card for RMA or BSA

Brokerage accounts with cash management features include the UBS American Express Card (Card). If you choose this feature either verbally or in writing, you will be issued one or more Card(s) by the Card Issuer. UBS or the Card Issuer will complete any transactions you initiate using the Card(s). The Card Issuer will approve transactions up to your account's "Withdrawal Limit," as described in the Agreements and Disclosures booklet.

You agree to maintain sufficient available assets in your account to make payment in full, and transactions may be denied if there are insufficient assets in your account to make full payment for any Card transactions as they are processed. As your Card transactions are processed, we will deduct funds from your Account to reimburse the Card Issuer. The Card Issuer may suspend or cancel Cards if there are insufficient assets to cover transactions. Your use of the Card constitutes your agreement to the terms and conditions in the UBS American Express Cardholder Agreement, which is included in the Agreements and Disclosures booklet.

UBS VISA Signature Credit Card for RMA or BSA

You may apply for a UBS Visa Signature credit card (Credit Card) either verbally or in writing. If your application is approved by the Card Issuer, you will be issued one or more Credit Cards. We will bill transactions made with your Credit Card separately from your eligible brokerage account, but you may pay your Credit Card balance automatically each month from your eligible brokerage account. The Credit Card terms and conditions describes rates, fees and other costs for the Credit Card. The Card Issuer will issue and manage your Credit Card according to Delaware law and the UBS Visa Signature credit card Cardholder agreement (Credit Card Agreement). The Card Issuer will include the Credit Card Agreement with your Credit Card.

Your use of the Credit Card constitutes your agreement to the terms and conditions in the Credit Card Agreement, which may change occasionally. The Credit Card is not subject to the General Terms and Conditions of this Client Relationship Agreement. To fulfill your application for a Credit Card, we will share the personal information the Card Issuer requires to open your Credit Card Account, and we share your personal information such as application data, approval status and transaction information on a regular basis to update your UBS monthly account statement and our records.

When you request a Credit Card, the Card Issuer will obtain a credit report as part of your application and after it establishes your Credit Card account to administer your Credit Card account and report its credit experience with you to others. At your request, the Card Issuer will provide the name and address of each consumer reporting agency from which it obtained a report about you. After your Credit Card account is open, you will have the opportunity to select how the Card Issuer can use or share information about you for marketing or Credit Card account maintenance purposes.

Any disputes you may have with the Card Issuer will be resolved by binding Arbitration. For more information regarding Arbitration please consult the UBS Credit Card Agreement.

By requesting Credit Card, you agree with the following statements:

- I (we) am at least 18 years old and a permanent resident of the United States.
- I (we) have reviewed and accept the UBS Visa Signature Credit Card Terms & Conditions that were provided with this Client Relationship Agreement.
- All information provided to UBS was truthful and complete.

Please refer to the section "International Accounts" for information about the sweep option for the International RMA.

"Check Provider" is the provider and processor we have appointed to handle payment of your checks and drafts. We reserve the right to change check providers from time to time.

The Bill Payment and Electronic Funds Transfer Service Agreement is located in the Agreements and Disclosures booklet. Bill payments are only available to payees located in the U.S.

Transfers through the ACH system are only available to and from accounts at financial institutions and banks within the U.S.

"Card Issuer" means Barclays Bank Delaware, its successors and assigns, or the issuer of UBS Cards we appoint in our sole discretion.

Your UBS American Express Card(s) will be mailed to you under separate cover after your Account has been approved.

Your UBS VISA Signature credit card(s), if approved for issuance by the Card Issuer, will be mailed to you under separate cover after your Account has been approved.

Express Delivery: If you are approved for an account and your card was requested next day delivery, your card will be sent the next day after your account is opened if the request is made before 3:00 p.m. Eastern time of that day. A signature is required for Express Delivery.



International Accounts

Please note: The International RMA and certain of its cash management features and other services are not available in all countries and may be changed at any time.

International Deposit Account Sweep Program

The Sweep Option for International Accounts is generally the UBS International Deposit Account Sweep Program (IDA). The IDA is an interest-bearing account maintained by UBS AG at the Cayman Islands Branch where funds are invested into short-term deposits. If you are eligible and choose to participate in the IDA sweep program, free cash balances in your Accounts are automatically deposited into a demand deposit account at the New York Branch of UBS AG, from which funds are then swept and re-deposited each business day into an overnight deposit account at the Cayman Islands branch of UBS AG. As your agent, UBS Financial Services Inc. will make the necessary withdrawals from the New York deposit account to satisfy debits or charges in your Account in accordance with the General Terms and Conditions. You may choose to withdraw from the IDA Program at any time, however, your free cash balances in your Account at UBS Financial Services Inc. will not earn interest or dividends. Funds on deposit in the accounts at the New York and the Cayman Islands branches of UBS AG are not eligible for federal deposit insurance from the Federal Deposit Insurance Corporation (FDIC).

A full description of the IDA Sweep Program is included in the Agreements and Disclosures Booklet. At times, we may update or modify the terms of the IDA Sweep Program and/or change the Sweep Options we make available.

UBS MasterCard®

The International RMA includes the UBS MasterCard (Card). If you are eligible for the Card under applicable law and UBS policies and you request this feature either verbally or in writing, you will be issued one or more Card(s) by the MasterCard Issuer. UBS or the MasterCard Issuer will complete any transactions you initiate using the Card(s). Your use of the UBS MasterCard constitutes your agreement to the terms and conditions in the Cardholder Agreement for MasterCard that is included in the Agreements and Disclosures booklet.

The MasterCard Issuer will approve transactions up to your account's "Withdrawal Limit," as described in the Agreements and Disclosures booklet. You agree to maintain sufficient available assets in your account to make payment in full and understand that transactions may be denied if there are insufficient assets in your account to make full payment for any Card transactions as they are processed.

As your Card transactions are processed, we will deduct funds from your Account to reimburse the MasterCard Issuer. The MasterCard Issuer may suspend or cancel Cards if there are insufficient assets to cover transactions.

Insurance Accounts

As a service to clients, we also offer accounts to maintain or permit the purchase of insurance products and services. By signing the Signature Page for your non-brokerage insurance account, you accept the Client Relationship Agreement and the other documents referred to here, and as a result, you may be able to open brokerage accounts with us in the future without having to sign additional agreements.

Joint Accounts

For joint accounts, each person or entity named on the Account has full power and authority over the Account, and the account holders are jointly and severally liable for all obligations with respect to the Account. Please refer to the "Joint Accounts" section of the General Terms and Conditions for more information about the terms and conditions that apply to joint accounts.

When we open additional joint accounts for the same account holders, we establish them with the same legal ownership as the most recently-opened joint account, unless we are instructed otherwise. If you request a different form of ownership, we will request your signature acknowledging that election. For example, if you open an account as joint tenants with rights of survivorship, your next account with the same parties will also be established as joint tenants with rights of survivorship, unless you tell us you want a different type of ownership for that account.

Margin Agreement and Margin Requirements

All Accounts that you open now or in the future will be established with margin, if eligible, unless you instruct us that you do not want margin privileges for specific Accounts. By signing the Account Application for any Account except for an ERISA Plan or for an Estate, you agree that the Margin Agreement governs your use of margin in all of your current Accounts and any Accounts that you may open in the future.

Therefore, if you do not establish margin privileges when you open an Account and later decide to use margin, you may be able to do so without signing additional forms. Likewise, if you cancel your margin privileges on an Account, your margin agreement with us will remain in effect and you may request to use margin again at any time. In either event, we will confirm your request.

When you use your margin privileges, we hold your securities in your Account as collateral against the amounts you borrow, and your securities may be loaned to UBS or to others as described in the Margin Agreement. In addition, margin-eligible Accounts are subject to applicable statutes, rules, regulations, procedures or industry customs. We may deem it necessary or advisable to establish additional requirements for margin accounts. You agree to maintain sufficient assets to satisfy all applicable statutes, rules or regulations, or as we deem necessary or advisable. You also agree to maintain sufficient assets in your Account to satisfy any and all margin calls issued in connection with the Account.

The information contained in these disclosures is accurate as of 04/2010 and may change after this date.
The UBS American Express Card and UBS Visa Signature credit card are not available with the International RMA.

The Agreements and Disclosures booklet describes the Fees for the different program levels of the UBS Rewards Program. The features and fees of your International Resource Management Account are more fully described in the Agreements and Disclosures booklet.

"MasterCard Issuer" refers to First Data Corporation, the entity we have appointed to issue and administer the UBS MasterCard Program, or the issuer of the UBS MasterCard we appoint in our sole discretion.

Please note: when you request a UBS MasterCard, we will automatically activate the check writing feature as well.

The UBS American Express Card, UBS Visa Signature credit card and the UBS Rewards Program are not features of the International RMA.

If you do not want to establish margin for your current accounts or any accounts you open in the future, please contact your Financial Advisor.

Please note: UBS does not extend margin for the following accounts:

- Individual Retirement Accounts
- ERISA Plans
- Coverdell Education Savings Account
- 403(b)(7) Accounts
- UGMA
- UTMA
- Estate
- 529 Plan Accounts



As long as your Account is a margin account, you authorize UBS in the usual course of business to lend, pledge as collateral, hypothecate, relend or repledge any Property we carry for you on margin, whether separately or together with Property of others, either to ourselves or to others. This authorization remains in effect until we receive payment for such Property.

When you use your margin privileges, as permitted by law, we may use certain securities in your account for, among other things, settling short sales and lending securities for short sales. We may receive and retain compensation in connection with such transactions. If you are engaged in short selling a security, you may incur a charge due to certain borrowing costs for that particular security.

Subject to applicable rules and regulations, we may amend the requirements applicable to your margin account at any time in our sole discretion, including changing the level of credit available to you and applicable maintenance requirements without notice to you. A prior demand or call, or prior notice of the time and place of such sale or purchase shall not be considered a waiver of our right to sell or buy without demand or notice as described here. For additional terms, please refer to the section "Liquidation of Collateral or Account" below.

We have the right to satisfy a margin call or to obtain full or partial payment of a margin loan at any time without a demand for margin or additional margin or other notice. To satisfy a margin call or to obtain full or partial payment of the margin loan, in addition to all rights provided by law, we have the right to:

- 1. require additional collateral,
- 2. sell any Property in any of your Accounts, whether carried individually or jointly with others,
- 3. buy any Property which may be held short in your Account,
- 4. cancel any open orders and close any or all outstanding contracts, or
- 5. liquidate any of your Accounts.

We may also exercise these rights if in our discretion we consider it necessary for your or our protection; if a bankruptcy petition, or petition for the appointment of a receiver, is filed by or against you; if an attachment is levied against any Account; or in the event of your death or dissolution.

You understand that there are substantial risks involved in trading securities on margin, using leverage as a liquidity source or as part of your investment strategy, or otherwise pledging your securities in order to obtain credit. Please review the Loan Disclosure Statement included in the Agreements and Disclosures booklet carefully for a detailed discussion of these risks.

Security Interest

As security for the payment of all liabilities or indebtedness presently outstanding or to be incurred under this or any other agreement between you and any UBS Entity, including but not limited to any loans or promissory notes, you hereby grant to each UBS Entity a security interest in and lien on any and all Property held or carried by any UBS Entity for you or on your behalf in or credited to any UBS Account(s) (other than qualified plan or IRA accounts or other accounts where doing so would be a prohibited transaction or violation of applicable law or regulation) and in any other Account with any UBS Entity in which you may have any legal, equitable or other interest.

All such Property will be subject to such security interest as collateral for the discharge of your obligations to any UBS Entity, wherever or however arising and without regard to whether or not we made loans with respect to that Property. In enforcing our security interest, we have the discretion to determine the amount, order and manner in which the Property will be sold and have all the rights and remedies available to a secured party under the Uniform Commercial Code (UCC) in addition to all other rights provided in this Agreement or by law.

You will not cause or allow any of the Property held in any of your UBS Accounts, whether owned now or acquired later, to be or become subject to any liens, security interests, mortgages or encumbrances of any nature other than our security interest, without our prior written consent. Each UBS Entity shall act as agent for and on behalf of each UBS Entity for purposes of perfecting, maintaining and enforcing the security interests granted hereunder or by operation of law. Each UBS Entity acting in the capacity of a deposit bank, securities intermediary or commodities intermediary, agrees to follow the instructions and entitlement orders of each other UBS Entity with respect to the Property as a secured party without further consent by you. You hereby authorize and direct each UBS Entity to follow the instructions and entitlement orders of each other UBS Entity.

Liquidation of Collateral or Account

We may satisfy any and all amounts you owe us in connection with any of your Accounts or agreements with us, or any other agreement between you and any UBS Entity, including but not limited to any loans or promissory notes, from Property we hold or carry in any of your Accounts with us (other than qualified plan or IRA accounts or other accounts where doing so would be a prohibited transaction or violation of applicable law or regulation). Additionally, we may sell any or all Property held in any of your Accounts with us and cancel any open orders for the purchase or sale of any Property without notice in the event of your death or dissolution, or whenever in our discretion it is necessary for our protection. In these instances, we may also borrow or buy-in all Property held in any of your Accounts required to make delivery against any sale initiated for you. These sales or purchases may be public or private and may be made without advertising or notice to you and in the manner we determine in our sole discretion. Your waiver will not be invalidated by any demands, calls, tenders or notices that we may make. At any sale, we may purchase the Property or any portion thereof free of any right of redemption and you will remain liable for any deficiency in any of your Accounts, plus any accrued interest on the deficiency at our then customary rate, if applicable, or at the maximum rate allowable by law. We will not be liable to you in any way for any loses or adverse tax consequences resulting from a liquidation of your Property.

Hypothecation is the pledging of securities or other assets to secure a loan such as a debit balance in a margin account.

"Property" includes, but is not limited to, securities, money, stocks, options, bonds, notes, futures contracts, commodities, commercial paper, certificates of deposit and all other obligations, contracts and property usually and customarily dealt in by brokerage firms and any other property that can be recorded in any of your Accounts.

Please refer to the UBS Statement of Credit Practices.

"Securities Intermediary" means: 1) a clearing corporation; or 2) a person, including a bank or broker, that in the ordinary course of business maintains securities accounts for others and is acting in that capacity, as such terms are interpreted under Section 8-102(a)(14) of the United States Uniform Commercial Code.

"UBS," "we," "us," "our" and "ours" refer to UBS Financial Services Inc. and, unless we indicate otherwise, its successor firms, subsidiaries, correspondents and Affiliates, including without limitation, its parent company, UBS AG.

"Affiliates" refers to UBS Financial Services Incorporated of Puerto Rico (which clears through UBS Financial Services Inc.), UBS Bank USA, UBS Credit Corp., UBS Trust Company, N.A. and their insurance agency affiliates and subsidiaries, and all other subsidiaries and affiliates.

"UBS Entity" refers to UBS Financial Services Inc. and each of these Affiliates.



USA Patriot Act

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 and documentation identifying each account holder. Therefore, when you open an Account, we ask for your name, address, date of birth and other identifying information about you. We may ask to see your driver's license or other identifying documents. We may also screen your name against various databases to verify your identity. If we are unable to verify your identity, we may take any of the actions described under "Termination of your Account" in the General Terms and Conditions in the Agreements and Disclosures booklet.

Credit Report

When you open an account with us, we may obtain your credit report or other credit references and verify or update the credit information you may have given to us previously. We may make verbal and written inquiries concerning your credit history. Likewise, we request your credit report or other credit information and provide it to our Card Issuers and Check Provider or to our affiliates, as necessary or advisable to service and maintain your Accounts. We also use this information to offer you additional products that may be of interest to you.

Your Privacy

At UBS, we are committed to safeguarding your personal information. Please refer to the UBS Client Privacy Notice in the Agreements and Disclosures booklet, which describes the personal information we collect about you and how we handle and protect it.

Disclosure of Beneficial Ownership

The issuers of securities held in your Accounts may request your name, address and security position so that they may contact you directly for proxy voting and other shareholder communications. You may instruct us not to supply this information, in which case, you will receive information regarding those securities from UBS instead of the issuers. You understand that by signing the Account Application without giving us instructions, UBS will not share your beneficial ownership information. If you would like to change your instructions, please call your Financial Advisor.

As described in the section "Foreign Securities" in the General Terms and Conditions, we may share information about the beneficial ownership of foreign securities in your Accounts with the issuers of those securities, foreign government authorities of their agent, to obtain reduced tax withholding rates, to comply with local law or to respond to other lawful requests.

Statement Householding

As a convenience to you, we may consolidate some or all account statements with the same address in the same envelope. This practice is known as "householding." Accounts may be added to or excluded from householding as clients move to or from the address to which the householded account statements are sent. The individual selected to receive the householded account statements may also change over time. Where owners of joint accounts live at different addresses, the statements will be sent to at least one of the account owner's addresses, and may be householded with any other householded account statements sent to that same address.

Any member of your household has the authority to elect the method by which such statements are delivered for clients at the same mailing address (paper copies delivered by regular mail or through various electronic delivery methods). Likewise, any member of your household who is enrolled in UBS Online Services can have access to view all accounts in the household. Periodically we are required to send records of certain personal and financial information to our clients. Because we deliver these records with your account statements, other members of your household will have access to these records unless you instruct us to send them to you separately.

Email Communications

We discourage clients from transmitting personal or confidential information through e-mail. If you choose to send personal and confidential information to us via e-mail, we cannot be responsible for any loss or damages that occur as a result, such as losses or damages arising from mistaken identity or unauthorized access and the use of the information (for any purpose) by others who may intercept or otherwise access the communications during and after transmission.

Entire Agreement and Changes to the Agreement

This Client Relationship Agreement and the related documents, including the General Terms and Conditions and the rest of the Agreements and Disclosures booklet form the entire "Agreement" between you and us with respect to your Account(s). This Agreement supersedes any prior representations or agreements.

The accounts and services we offer may change over time. We may change our Agreement with you at any time by sending you a written notice of the change, and the changes will be effective on the date of the notice unless we specify a later date. We also may cease to offer services at any time without prior notice. Your continued use of your Accounts and our products and services constitutes your acceptance of the new terms and conditions. All changes by you to the Agreement will become effective only if offered in writing and signed by us.

Applicable Law

This Agreement, including the Arbitration provisions in the next paragraph, and its enforcement, are governed by the laws of the State of New York, without giving effect to such State's choice of law or conflict of laws provisions. The Agreement is binding on all parties provided that there is no inconsistency with the Federal securities laws or the Federal or State banking laws. In connection with any Card issued, the respective Cardholder Agreement shall be governed by Federal law and the law designated by the Card Issuer in that Cardholder Agreement.

Please see the UBS Client Privacy Notice in the Agreements and Disclosures booklet for further information, including how to optout of certain information sharing.

Please refer to the Client Privacy Notice for more information about Statement Householding.

If you do not want your statements to be bundled by household, please contact your Financial Advisor and ask to receive individual account statements mailed in separate envelopes or delivered separately via electronic means.



In the event that any of the Arbitration provisions below are found to be unenforceable, you submit to the exclusive jurisdiction of the courts of the State of New York and the Federal courts sitting in the Southern District of New York for the purpose of determining all matters with regard to the Agreement. You also consent to service of process by certified mail to your Account's address of record, and you waive any objection to the venue and any claims that an action or proceeding has been brought in an inconvenient forum. If any provision of the Agreement is held to be invalid, void, or unenforceable, the remaining provisions will remain in full force and will be construed to the fullest extent permitted by law, to give effect to the intent of any provision that has be called into question.

Non-Primary Residence Address for Mailing Purposes

Unless you notify us otherwise in writing, we will use the account address you provided in the Account Application for all notices, correspondence and for the disbursement of Property, even if it is not your primary residence. For your protection and ours we may request additional documentation regarding this authorization. We will not telephone you to confirm receipt of property or require a signed written confirmation from you acknowledging transmittal of property. If you would like to designate a different non-primary residence address as the mailing address, please contact your Financial Advisor to provide the necessary authorization.

Electronic Records

Any agreements accepted by facsimile or electronic means (such as clicks or other online means) are legally binding and are considered to have been "signed" by you with the same effect as a manual signature. Electronic records of an agreement that is made online will also be considered to be "in writing." You agree not to dispute the validity or enforceability of any agreements entered into electronically by you (or by anyone using your authentication devices, such as a password or PIN).

Electronic Delivery Agreement

UBS offers certain communications through electronic delivery. Examples include:

- Statements, trade confirmations and notices
- Shareholder communications, including fund reports, prospectuses (including preliminary prospectuses), and proxy materials
- Advisory account documents, including Form ADV disclosure brochures, manager profiles, asset allocations, performance reports and other disclosures, reports and notices related to advisory accounts
- Quarterly performance reports
- Corporate Employee Financial Services plan advices
- Tax reporting documents
- Client and account information documents
- · Agreements and disclosures relating to the accounts, features and services we offer
- Other firm documents that may be available now or in the future

If you elect to receive any communications through electronic delivery (e-delivery), the following terms and conditions will apply to all UBS accounts that you or anyone in your statement household have now, as well as any you may have in the future.

- A UBS Online Services account and a valid e-mail address are required for our e-delivery services and clients are responsible for notifying UBS promptly when their e-mail addresses change.
- Enrollment in e-delivery is effective immediately and may be cancelled at any time, either by changing your elections online or by contacting your Financial Advisor.
- Clients may request paper copies of any document we are required to deliver to them at any time for no additional charge.
- We notify clients who are enrolled in e-delivery by e-mail when a new document is available; the electronic message will include a link to a website where the document can be viewed and downloaded.
- We will deliver documents by postal mail if we cannot obtain a valid e-mail address.
- Users agree to owning or having access to a printer or other device to print or save documents they may wish to retain.
- We do not charge for e-delivery, but Internet access and telephone charges may apply.

Introduced Accounts

Accounts opened with UBS Financial Services Incorporated of Puerto Rico or any other broker-dealer under a clearing agreement with UBS Financial Services Inc. are "introduced" to UBS Financial Services Inc. and will be carried by UBS Financial Services Inc. in your name. Please refer to the section titled "Introduced Accounts" in the General Terms and Conditions for a description of the services provided by your introducing broker and by UBS Financial Services Inc.

Puerto Rico Residency Representation

If Puerto Rico investments are purchased and/or held in a UBS Financial Services Incorporated of Puerto Rico account, each Account holder, or for a joint account, each co-owner, or for an account of a non-natural person, the authorized person(s)certifies the following:

You are responsible to provide the following information and representations in connection with opening and maintaining your account with UBS Financial Services Incorporated of Puerto Rico. In your account you may hold or purchase certain investments, including, but not limited to, closed- end and open-end mutual funds, preferred stock, and debt securities, that are not registered under the U.S. Securities Act of 1933 or the U.S. Investment Company Act of 1940 ("Puerto Rico Investments") and are exempt from registration under the U.S. Securities Act of 1933 and/or the U.S. Investment Company Act of 1940, based, in part, on the requirement that they be offered or sold only to individuals who have their principal residence in Puerto Rico ("Puerto Rico Residents"), all as disclosed in their respective prospectuses or offering materials.



Accordingly, you hereby represent that: You have acquired or propose to acquire Puerto Rico investments for your own account and will be the sole beneficial owner of those assets. As of the date of this agreement, (i) you are an individual whose principal residence is in Puerto Rico, or (ii) if organized as a non-business trust, the trust has its principal office and principal place of business within Puerto Rico and the trustee and all beneficiaries of the trust are Puerto Rico Residents, or (iii) if organized as a trust, the trustee and all beneficiaries of the trust are residents of Puerto Rico, or (iv) if organized as a corporation, partnership or other form of business organization, the entity has its principal office and principal place of business within Puerto Rico and has not been organized for the purpose of acquiring Puerto Rico investments.

If you cease to be a Puerto Rico Resident, you will (i) notify us within 30 days of ceasing to be a Puerto Rico Resident, (ii) liquidate your holdings in any Puerto Rico investment when such liquidation becomes economically feasible, and (iii) not acquire additional Puerto Rico investments.

You hereby acknowledge that if at the time of purchase of Puerto Rico investments you are not a Puerto Rico Resident, UBS may declare any such purchase to be null and void. You acknowledge that any purchases of Puerto Rico Investments will not be made on behalf of a retirement plan subject to ERISA.

Arbitration

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 filed.
- 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.
- The panel of arbitrators will typically 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 to them, shall be incorporated into this Agreement.

By opening an account at UBS, and by UBS Financial Services Inc. or UBS Financial Services Incorporated of Puerto Rico by accepting your application and carrying your account, you, UBS Financial Services Inc. and UBS Financial Service Incorporated of Puerto Rico agree as follows:

- We agree to resolve any controversy, claim or issue in any controversy that may arise by arbitration, whether it happen
 before or after, or at the time this Agreement was executed, including but not limited to controversies, claims or issues
 in any controversy concerning any account, transaction, dispute or the construction, performance or breach of this
 Agreement or any other agreement
- Any arbitration under this Agreement shall be governed by the Federal Arbitration Act and shall be conducted before an
 arbitration panel convened by the Financial Industry Regulatory Authority (FINRA) or any other national securities
 exchange's arbitration forum, upon which UBS Financial Services Inc. is legally required to arbitrate the controversy with
 you, including, where applicable, the Municipal Securities Rulemaking Board.
- Such arbitration shall be governed by the rules of the organization convening the panel.
- All parties to this Agreement agree that the arbitrators shall resolve any controversy in accordance with applicable law.
- The arbitrators will apply state and federal statutes of limitation the same as if the claim were brought as a civil action in court.
- The award of the arbitration panel is not subject to appeal and judgment upon the award may be entered in any court of competent jurisdiction.
- 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:
 - the class certification is denied; or
 - the class is decertified; or
 - the customer is excluded from the class by the court. Such forbearance to enforce an agreement to arbitrate shall not
 constitute a waiver of any rights under this agreement except to the extent stated herein.
- You expressly agree that service of process in any action shall be sufficient if served by certified mail, return receipt requested, at your last address known to UBS.
- You expressly waive any defense to service of process as set forth above.

This Arbitration Agreement represents standard industry practice and binds you and us to arbitrate any disagreements that may arise between us.