UPDATED INFORMATION FOR USERS OF FORM W-8BEN-E - - USE OF FORM W-8BEN (REVISION DATE FEBRUARY 2006) BEFORE JANUARY 1, 2015

The Form W-8BEN-E reflects changes made by the Foreign Account Tax Compliance Act (FATCA) and is for use by beneficial owners that are entities. Entities also may use the Form W-8BEN (revision date February 2006) through December 31, 2014.

For purposes of chapter 3 of the Internal Revenue Code, a Form W-8BEN (revision date February 2006) provided to a withholding agent by an entity before January 1, 2015 will remain valid until the form's validity expires under Treasury Regulations section 1.1441-1(e) (4)(ii).

For purposes of chapter 4 of the Internal Revenue Code, a Form W-8BEN (revision date February 2006) provided to a withholding agent by an entity before January 1, 2015 is and will remain valid to the extent permitted in Treasury Regulations section 1.1471-3(d)(1) (describing the allowance for use of a "pre-FATCA Form W-8"). See also Treasury Regulations section 1.1471-2T(a)(4)(ii) (describing a transitional exception to withholding for certain payments made with respect to a preexisting obligation).

A withholding agent may request that you provide a Form W-8BEN (revision date February 2006) before January 1, 2015. The Form W-8BEN (revision date February 2006) can be found on irs.gov in the Forms and Publications section, under the "Prior Year Forms" tab, by searching the cumulative list of forms posted there for the term "Form W-8". It does not reflect the changes made by FATCA.

Form W-8BEN-E

(February 2014) Department of the Treasury Internal Revenue Service

Certificate of Status of Beneficial Owner for United States Tax Withholding and Reporting (Entities) For use by entities. Individuals must use Form W-8BEN. Section references are to the Internal Revenue Code. Information about Form W-8BEN-E and its separate instructions is at www.irs.gov/formw8bene. Give this form to the withholding agent or payer. Do not send to the IRS.

OMB No. 1545-1621

Do NO	T use this form for:				Instead use Form:	
• U.S.	entity or U.S. citizen or resident				W-9	
• A for	eign individual eign individual or entity claiming that income is effectively connected with	 h the conduct of	trade or business v		W-8BEN (Individual)	
•	(unless claiming treaty benefits)					
		0 ,	, (•	ons) w-8iivi Y	
found	eign government, international organization, foreign central bank of issue dation, or government of a U.S. possession claiming that income is effec applicability of section(s) 115(2), 501(c), 892, 895, or 1443(b) (unless claim	tively connected	U.S. income or tha	at is claiming	W-8ECI or W-8EXP	
• Any p	person acting as an intermediary				W-8IMY	
Par	t I Identification of Beneficial Owner					
1	Name of organization that is the beneficial owner		2 Country of inco	orporation or orga	anization	
3	Name of disregarded entity receiving the payment (if applicable)					
4	☐ Simple trust ☐ Grantor trust ☐ Co	orporation omplex trust ivate foundation	☐ Disregard ☐ Estate	led entity	Partnership Government	
	If you entered disregarded entity, partnership, simple trust, or grantor to claim? If "Yes" complete Part III.	rust above, is the	e entity a hybrid ma	king a treaty	Yes 🗌 No	
5	Chapter 4 Status (FATCA status) (Must check one box only unless certification below for the entity's applicable status).	otherwise indic	cated). (See instruc	ctions for details		
	Nonparticipating FFI (including a limited FFI or an FFI related to a Reporting IGA FFI other than a registered deemed-compliant FFI or participating FFI).	•	ng IGA FFI (includir ompliant FFI under Part XII.	•	•	
	☐ Participating FFI. ☐ Reporting Model 1 FFI.		vernment, governm nk of issue. Comple		ssession, or foreign	
	Reporting Model 2 FFI.		al organization. Co			
	Registered deemed-compliant FFI (other than a reporting Model 1 FFI or sponsored FFI that has not obtained a GIIN).	_ ·	irement plans. Con y owned by exempt	•	c. Complete Part XVI.	
	Sponsored FFI that has not obtained a GIIN. Complete Part IV.	Territory financial institution. Complete Part XVII.				
	☐ Certified deemed-compliant nonregistering local bank. Complete Part V.		al group entity. Cor nonfinancial start-ul		plete Part XIX.	
	 Certified deemed-compliant FFI with only low-value accounts. Complete Part VI. 		Excepted nonfinancial entity in liquidation or bankruptcy. Complete Part XX.			
	Certified deemed-compliant sponsored, closely held investment vehicle. Complete Part VII.		anization. Complete organization. Comp			
	☐ Certified deemed-compliant limited life debt investment entity. ☐ Publicly traded NFFE Complete Part VIII. ☐ Publicly traded NFFE Corporation.			NFFE affiliate of a publicly traded Part XXIII.		
	☐ Certified deemed-compliant investment advisors and investment	☐ Excepted t	erritory NFFE. Com	plete Part XXIV.		
	managers. Complete Part IX.	_	E. Complete Part X			
	Owner-documented FFI. Complete Part X.	☐ Passive NFFE. Complete Part XXVI. ☐ Excepted inter-affiliate FFI. Complete Part XXVII.				
	Restricted distributor. Complete Part XI.				III.	
		□ Direct reporting NFFE.□ Sponsored direct reporting NFFE. Complete Part XXVIII.				
6	Permanent residence address (street, apt. or suite no., or rural route). Do no					
City or town, state or province. Include postal code where appropriate.			Country			
7	Mailing address (if different from above)					
	City or town, state or province. Include postal code where appropriate.			Country		
8	U.S. taxpayer identification number (TIN), if required 9a GIIN	b Foreig	gn TIN 10	Reference number	er(s) (see instructions)	
Note	Please complete remainder of the form including signing	the form in Pa	art XXIX.			

Disregarded Entity or Branch Receiving Payment. (Complete only if disregarded entity or branch of an Part II FFI in a country other than the FFI's country of residence.) Chapter 4 Status (FATCA status) of disregarded entity or branch receiving payment 11 Reporting Model 1 FFI. U.S. Branch. Limited Branch. Participating FFI. Reporting Model 2 FFI. 12 Address of disregarded entity or branch (street, apt. or suite no., or rural route). Do not use a P.O. box or in-care-of address (other than a registered address). City or town, state or province. Include postal code where appropriate. Country 13 GIIN (if anv) Claim of Tax Treaty Benefits (if applicable). (For chapter 3 purposes only) Part III I certify that (check all that apply): The beneficial owner is a resident of within the meaning of the income tax treaty between the United States and that country. The beneficial owner derives the item (or items) of income for which the treaty benefits are claimed, and, if applicable, meets the requirements of the treaty provision dealing with limitation on benefits (see instructions). The beneficial owner is claiming treaty benefits for dividends received from a foreign corporation or interest from a U.S. trade or business С of a foreign corporation and meets qualified resident status (see instructions). Special rates and conditions (if applicable—see instructions): The beneficial owner is claiming the provisions of Article 15 of the treaty identified on line 14a above to claim a ______ % rate of withholding on (specify type of income): _____. Explain the reasons the beneficial owner meets the terms of the treaty article: Sponsored FFI That Has Not Obtained a GIIN Part IV Name of sponsoring entity: 16 17 Check whichever box applies. ☐ I certify that the entity identified in Part I: • Is an FFI solely because it is an investment entity; • Is not a QI, WP, or WT; and · Has agreed with the entity identified above (that is not a nonparticipating FFI) to act as the sponsoring entity for this entity. I certify that the entity identified in Part I: • Is a controlled foreign corporation as defined in section 957(a); • Is not a QI, WP, or WT; • Is wholly owned, directly or indirectly, by the U.S. financial institution identified above that agrees to act as the sponsoring entity for this entity; and · Shares a common electronic account system with the sponsoring entity (identified above) that enables the sponsoring entity to identify all account holders and payees of the entity and to access all account and customer information maintained by the entity including, but not limited to, customer identification information, customer documentation, account balance, and all payments made to account holders or payees. Part V **Certified Deemed-Compliant Nonregistering Local Bank** ☐ I certify that the FFI identified in Part I: Operates and is licensed solely as a bank or credit union (or similar cooperative credit organization operated without profit) in its country of incorporation or organization; • Engages primarily in the business of receiving deposits from and making loans to, with respect to a bank, retail customers unrelated to such bank and, with respect to a credit union or similar cooperative credit organization, members, provided that no member has a greater than five percent interest in such credit union or cooperative credit organization; · Does not solicit account holders outside its country of organization; · Has no fixed place of business outside such country (for this purpose, a fixed place of business does not include a location that is not advertised to the public and from which the FFI performs solely administrative support functions); Has no more than \$175 million in assets on its balance sheet and, if it is a member of an expanded affiliated group, the group has no more

Does not have any member of its expanded affiliated group that is a foreign financial institution, other than a foreign financial institution that

is incorporated or organized in the same country as the FFI identified in Part I and that meets the requirements set forth in this Part V.

than \$500 million in total assets on its consolidated or combined balance sheets; and

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Par	t VI Certified Deemed-Compliant FFI with Only Low-Value Accounts			
19	I certify that the FFI identified in Part I:			
	 Is not engaged primarily in the business of investing, reinvesting, or trading in securities, partnership interests, commodities, notional principal contracts, insurance or annuity contracts, or any interest (including a futures or forward contract or option) in such security, partnership interest, commodity, notional principal contract, insurance contract or annuity contract; 			
	• No financial account maintained by the FFI or any member of its expanded affiliated group, if any, has a balance or value in excess of \$50,000 (as determined after applying applicable account aggregation rules); and			
	• Neither the FFI nor the entire expanded affiliated group, if any, of the FFI, have more than \$50 million in assets on its consolidated or combined balance sheet as of the end of its most recent accounting year.			
Part	VII Certified Deemed-Compliant Sponsored, Closely Held Investment Vehicle			
20	Name of sponsoring entity:			
21	☐ I certify that the entity identified in Part I:			
	• Is an FFI solely because it is an investment entity described in §1.1471-5(e)(4);			
	• Is not a QI, WP, or WT;			
	• Has a contractual relationship with the above identified sponsoring entity that agrees to fulfill all due diligence, withholding, and reporting responsibilities of a participating FFI on behalf of this entity; and			
	• Twenty or fewer individuals own all of the debt and equity interests in the entity (disregarding debt interests owned by U.S. financial institutions, participating FFIs, registered deemed-compliant FFIs, and certified deemed-compliant FFIs and equity interests owned by an entity if that entity owns 100 percent of the equity interests in the FFI and is itself a sponsored FFI).			
Part	VIII Certified Deemed-Compliant Limited Life Debt Investment Entity			
22	I certify that the entity identified in Part I:			
	Was in existence as of January 17, 2013;			
	 Issued all classes of its debt or equity interests to investors on or before January 17, 2013, pursuant to a trust indenture or similar agreement; and Is certified deemed-compliant because it satisfies the requirements to be treated as a limited life debt investment entity (such as the restrictions with respect to its assets and other requirements under § 1.1471-5(f)(2)(iv)). 			
Par	t IX Certified Deemed-Compliant Investment Advisors and Investment Managers			
23	☐ I certify that the entity identified in Part I:			
	• Is a financial institution solely because it is an investment entity described in §1.1471-5(e)(4)(i)(A); and			
	Does not maintain financial accounts.			
Par	t X Owner-Documented FFI			
	This status only applies if the U.S. financial institution or participating FFI to which this form is given has agreed that it will treat the FFI as an -documented FFI (see instructions for eligibility requirements). In addition, the FFI must make the certifications below.			
24a	(All owner-documented FFIs check here) I certify that the FFI identified in Part I:			
	Does not act as an intermediary;			
	 Does not accept deposits in the ordinary course of a banking or similar business; 			
	Does not hold, as a substantial portion of its business, financial assets for the account of others:			

- Does not hold, as a substantial portion of its business, financial assets for the account of others;
- Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account;
- Is not owned by or in an expanded affiliated group with an entity that accepts deposits in the ordinary course of a banking or similar business, holds, as a substantial portion of its business, financial assets for the account of others, or is an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account; and
- Does not maintain a financial account for any nonparticipating FFI.

Part X	Form W	-8BEN	-E (2-2014) Page 4
b Leartify that the FFI Identified in Part I: Has provided, or will provided, an FFI owner reporting statement that contains: The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified U.S. persons that owns a direct or indirect equity interest in the owner-documented FFI (lockloding surprisons). The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified U.S. person that owns a debt interest in the owner-documented FFI (including any) indirect debt interest, which include debt interests in any enterest in the owner-documented of the provided of required) of every individual and specified U.S. person that owns a debt interest in any enterests in a specified u.S. persons of \$50,000 (clareparding all such debt interests any enterests in particle interests, which includes debt interests in any enterests in a specified u.S. persons); and contributed compliant FFIs, excepted NFFEs, excempt beneficial owners, or U.S. persons other than specified U.S. persons); and individual and provide interests in a specified U.S. persons; and individual and individual and provided in a provided in the provided interest in a specified U.S. persons; and individual and individ	Par	t X	Owner-Documented FFI (continued)
Has provided, or will provide, an FFI owner reporting statement that contains: The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified U.S. person that owns a detect or indirect equity interest in the owner-documentation provided (if required) of every individual and specified U.S. person that owns a dets interest in the owner-documentation provided (if required) of every individual and specified U.S. person that owns a dets interest in the owner-documentation provided (if required) of every individual and specified U.S. person that owns a dets interests in the owner-documentation provided (if required) of every individual and specified U.S. person that owns a dets interests owner by participating FFIs; replaced desired-complaint FFIs, occupited to individual and specified U.S. cartified denied-complaint FFIs, occupited to individual and specified U.S. persons of the third denied of the owner of the denied owners, or U.S. persons other than specified that constitutes a financial account in excess of \$50.000 (dargagating all such dets) interests owner U.S. persons other than specified U.S. persons, and Any additional information the withholding agent requests in order to fulfill as obligations with respect to the entity. c contribution of the provided of the provide, and auditor is later, staged within four years of the date of payment, from an independent accounting firm or legal representative with a location in the United States stating that the firm or representative has reviewed the FFIs documentation with respect to device of the provided of	Check	box 2	4b or 24c, whichever applies.
• The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified U.S. person that owns a direct or indirect equity interest in the owner-documented FFI (locking through all entities other than specified U.S. person that owns a debt interest, in the owner-documented FFI (including any) indirect debt interest, which includes debt interests in any entity that directly or indirectly owns the payee or any direct or indirect equity interest in a debt holder of the payee) that constitutes a financial account in exceeds of \$50,000 (designating all suspin debt interests), and sentitly that directly or indirectly owns the payee or any direct or indirect equity interest in a debt holder of the payee) that constitutes a financial account in exceeds \$50,000 (designating all studies). This is expected of the entity of the debt of advantage of the control of the payee of the control of the payee of the control of the payee of the control of the payee. The control of the payee of	b		,
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person that owns a debt interest in the owner-documented FFI (including any indirect debt interest, which includes debt interests a financial account in excess of \$50,000 (disregarding all such debt interests owned by participating FFIs, registered deemed-complant FFIs, scentified deemed-complant FFIs, scentified deemed-complant FFIs, scentified deemed-complant FFIs, scentified deemed-complant FFIs scentified deemed-complant FFIs scentified deemed-complant FFIs scentified on FFIs scentified deemed-complant FFIs decreased NFFEs, scentified complant FFIs scentified in Part I has provided, or will provide, an auditor's letter, signed within four years of the data of payment, from an independent accounting from regal representative with a location in the United States stating that the firm or representative has reviewed the FFIs documentation with respect to all of its owners and debt holders identified in \$1.471-30(16)(in)/A(2), and that the FFI meets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also provided, or will provide, an FFI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers. Check box 24d if applicable. d certify that the entity identified in line 1 is a trust that does not have any contingent beneficiaries or designated classes with unidentified beneficiaries. Part XI Restricted Distributor 25a (All restricted Distributor 25a (All restricted Distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished; • Provides investment services to at least 30 customers unrelated to each other; • Is required to perform AML due diligence procedures under the anti-money laundering lews of its country of organization (which is an FATF-compliant prisdiction); • Operates solely in its country of incorporation or organization as all members of its affiliated group that has more than \$500 million in total assets under management or more than \$70 mi		per	rson that owns a direct or indirect equity interest in the owner-documented FFI (looking through all entities other than specified U.S.
c certify that the FFI identified in Part I has provided, or will provide, an auditor's letter, signed within four years of the date of payment, from an independent accounting firm or legal representative with a location in the United States stating that the firm or representative has reviewed the FFI's documentation with respect to all of its owners and debt holders identified in §1.1471-3d(9)(i)(A)(2), and that the FFI meets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also provided, or will provide, an FFI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers. Check box 24d if applicable. d certify that the entity identified in line 1 is a trust that does not have any contingent beneficiaries or designated classes with unidentified beneficiaries. Part XI Restricted Distributor Z5a (All restricted Distributors) End (I restricted with the services to debt or equity interests of the restricted fund with respect to which this form is furnished; Provides investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other; I required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction); Operates solely in its country of incorporation or organization. Does not solicit customers outside its country of incorporation or organization; Has no more than \$17 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; I so not a member of an expanded affiliated group that has more than \$50 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs w		pe en fin	rson that owns a debt interest in the owner-documented FFI (including any indirect debt interest, which includes debt interests in any tity that directly or indirectly owns the payee or any direct or indirect equity interest in a debt holder of the payee) that constitutes a ancial account in excess of \$50,000 (disregarding all such debt interests owned by participating FFIs, registered deemed-compliant FFIs,
from an independent accounting firm or legal representative with a location in the United States stating that the firm or representative has reviewed the FFIs documentation with respect to all of its owners and debt holders identified in §1.1471-3(i)(i)(ii)(i/k)(2), and that the FFI meets all the requirements to be an owner-documented FFI. The FI identified in Part I has also provided, or will provide, an FFI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers. Check box 24d if applicable. d		• A	any additional information the withholding agent requests in order to fulfill its obligations with respect to the entity.
reviewed the FFI's documentation with respect to all of its owners and debt holders identified in \$1.1471-3(d)(ii)(ii)(A)(A), and that the FFI meets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also produded, or will provide, an FFI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers. Check box 24d if applicable.	С		certify that the FFI identified in Part I has provided, or will provide, an auditor's letter, signed within four years of the date of payment,
Part XI Restricted Distributor		re n	eviewed the FFI's documentation with respect to all of its owners and debt holders identified in §1.1471-3(d)(6)(iv)(A)(2), and that the FFI neets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also provided, or will provide, an FFI owner
Part XI Restricted Distributor 25a	Check	box 2	4d if applicable.
 Qberates as a distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished; Povides investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other; Is required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction); Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any; Does not solicit customers outside its country of incorporation or organization; Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b	d		· · · · · · · · · · · · · · · · · · ·
 Operates as a distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished; Provides investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other; Is required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction); Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any; Does not solicit customers outside its country of incorporation or organization; Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. Lurther certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: Has been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S. resident individuals and is currently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person, passive	Part	XI	Restricted Distributor
 Provides investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other; Is required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction); Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any; Does not solicit customers outside its country of incorporation or organization; Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. If further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b	25a	<u> </u>	All restricted distributors check here) I certify that the entity identified in Part I:
 Is required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction); Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any; Does not solicit customers outside its country of incorporation or organization; Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b Has been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S. resident individuals and is currently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI. c Is currently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to t		• Op	erates as a distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished;
compliant jurisdiction); • Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any; • Does not solicit customers outside its country of incorporation or organization; • Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; • Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and • Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b			
country of incorporation or organization as all members of its affiliated group, if any; • Does not solicit customers outside its country of incorporation or organization; • Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; • Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and • Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. If further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b			
 Has no more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for the most recent accounting year; Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: h Has been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S. resident individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a restriction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures identified in §1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted fund to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Part XII Nonreporting IGA FFI Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States			
the most recent accounting year; • Is not a member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; and • Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b		• Do	es not solicit customers outside its country of incorporation or organization;
 Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b Has been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S. resident individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI. c Is currently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a restriction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures identified in §1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted fund to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Part XII Nonreporting IGA FFI Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and under the provisions of the applicable IGA (see instructions); and Is treated as a under the provisions of the applicable IGA, provide your GIIN: 			
owners, or nonparticipating FFIs. Check box 25b or 25c, whichever applies. I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b			
I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I: b			
resident individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI. c	I furthe	er certi	fy that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made
passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a restriction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures identified in §1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted fund to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs. Part XII Nonreporting IGA FFI 1 certify that the entity identified in Part I: • Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and • Is treated as a	b	r	esident individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to any
☐ I certify that the entity identified in Part I: • Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and	С	p r id s	passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a estriction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures dentified in §1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted fund to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. persons, passive
Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and	Part	XII	Nonreporting IGA FFI
• Is treated as aunder the provisions of the applicable IGA (see instructions); and • If you are an FFI treated as a registered deemed-compliant FFI under an applicable Model 2 IGA, provide your GIIN:	26		certify that the entity identified in Part I:
If you are an FFI treated as a registered deemed-compliant FFI under an applicable Model 2 IGA, provide your GIIN:		• Me	ets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and ;
		• Is t	reated as a under the provisions of the applicable IGA (see instructions); and
		• If y	

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Part	XIII Foreign Government, Government of a U.S. Possession, or Foreign Central Bank of Issue
27	I certify that the entity identified in Part I is the beneficial owner of the payment and is not engaged in commercial financial activities of a type engaged in by an insurance company, custodial institution, or depository institution with respect to the payments, accounts, or obligations for which this form is submitted (except as permitted in §1.1471-6(h)(2)).
Part :	XIV International Organization
Check	box 28a or 28b, whichever applies.
28a	☐ I certify that the entity identified in Part I is an international organization described in section 7701(a)(18).
b	I certify that the entity identified in Part I:
	• Is comprised primarily of foreign governments;
	 Is recognized as an intergovernmental or supranational organization under a foreign law similar to the International Organizations Immunitie Act;
	The benefit of the entity's income does not inure to any private person;
	• Is the beneficial owner of the payment and is not engaged in commercial financial activities of a type engaged in by an insurance company custodial institution, or depository institution with respect to the payments, accounts, or obligations for which this form is submitted (except a permitted in §1.1471-6(h)(2)).
Part	XV Exempt Retirement Plans
Check	box 29a, b, c, d, e, or f, whichever applies.
29a	☐ I certify that the entity identified in Part I:
	• Is established in a country with which the United States has an income tax treaty in force (see Part III if claiming treaty benefits);
	• Is operated principally to administer or provide pension or retirement benefits; and
	• Is entitled to treaty benefits on income that the fund derives from U.S. sources (or would be entitled to benefits if it derived any such income as a resident of the other country which satisfies any applicable limitation on benefits requirement.
b	I certify that the entity identified in Part I:
	• Is organized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are former employees of one or more employers in consideration for services rendered;
	 No single beneficiary has a right to more than 5% of the FFI's assets;
	• Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the country in which the fund is established or operated; and
	• Is generally exempt from tax on investment income under the laws of the country in which it is established or operates due to its status a a retirement or pension plan;
	• Receives at least 50% of its total contributions from sponsoring employers (disregarding transfers of assets from other plans described in this part, retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, other retirement funds described in an applicable Model 1 or Model 2 IGA, or accounts described in §1.1471-5(b)(2)(i)(A));
	• Either does not permit or penalizes distributions or withdrawals made before the occurrence of specified events related to retirement disability, or death (except rollover distributions to accounts described in §1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts to retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, or to other retirement funds described in this part of in an applicable Model 1 or Model 2 IGA); or
С	• Limits contributions by employees to the fund by reference to earned income of the employee or may not exceed \$50,000 annually. ☐ I certify that the entity identified in Part I:
	• Is organized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are formed employees of one or more employers in consideration for services rendered;
	Has fewer than 50 participants;
	• Is sponsored by one or more employers each of which is not an investment entity or passive NFFE;
	• Employee and employer contributions to the fund (disregarding transfers of assets from other plans described in this part, retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, or accounts described in §1.1471-5(b)(2)(i)(A)) are limited by reference to earned income and compensation of the employee, respectively;
	• Participants that are not residents of the country in which the fund is established or operated are not entitled to more than 20 percent of the fund's assets; and
	• Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the country in which the fund is established or operates.
d	☐ I certify that the entity identified in Part I is formed pursuant to a pension plan that would meet the requirements of section 401(a), other
	than the requirement that the plan be funded by a trust created or organized in the United States.
е	I certify that the entity identified in Part I is established exclusively to earn income for the benefit of one or more retirement funds
	described in this part or in an applicable Model 1 or Model 2 IGA, accounts described in §1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts), or retirement and pension accounts described in an applicable Model 1 or Model 2 IGA.

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Pa	rt XV Exempt Retirement Plans (Continued)
Į	☐ I certify that the entity identified in Part I:
(• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possession each as defined in §1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are current or former employees of the sponsor (or persons designated by such employees); or
(• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possession each as defined in §1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are not current or former employees of such sponsor, but are in consideration of personal services performed for the sponsor.
Pai	t XVI Entity Wholly Owned by Exempt Beneficial Owners
30	☐ I certify that the entity identified in Part I:
	• Is an FFI solely because it is an investment entity;
	 Each direct holder of an equity interest in the investment entity is an exempt beneficial owner described in §1.1471-6 or in an applicate Model 1 or Model 2 IGA;
	• Each direct holder of a debt interest in the investment entity is either a depository institution (with respect to a loan made to such entity) or exempt beneficial owner described in §1.1471-6 or an applicable Model 1 or Model 2 IGA.
	• Has provided an owner reporting statement that contains the name, address, TIN (if any), chapter 4 status, and a description of the type documentation provided to the withholding agent for every person that owns a debt interest constituting a financial account or direct equinterest in the entity; and
	• Has provided documentation establishing that every owner of the entity is an entity described in §1.1471-6(b), (c), (d), (e), (f) and/or (g) without regard to whether such owners are beneficial owners.
Par	t XVII Territory Financial Institution
31	I certify that the entity identified in Part I is a financial institution (other than an investment entity) that is incorporated or organized under
	the laws of a possession of the United States.
Par	t XVIII Excepted Nonfinancial Group Entity
32	☐ I certify that the entity identified in Part I:
	• Is a holding company, treasury center, or captive finance company and substantially all of the entity's activities are functions described §1.1471-5(e)(5)(i)(C) through (E);
	 Is a member of a nonfinancial group described in §1.1471-5(e)(5)(i)(B);
	 Is not a depository or custodial institution (other than for members of the entity's expanded affiliated group); and Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or a investment vehicle with an investment strategy to acquire or fund companies and then hold interests in those companies as capital assets investment purposes.
Pai	t XIX Excepted Nonfinancial Start-Up Company
33	 I certify that the entity identified in Part I: Was formed on (or, in the case of a new line of business, the date of board resolution approving the new line of business)
	(date must be less than 24 months prior to date of payment);
	• Is not yet operating a business and has no prior operating history or is investing capital in assets with the intent to operate a new line business other than that of a financial institution or passive NFFE;
	• Is investing capital into assets with the intent to operate a business other than that of a financial institution; and
	• Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or a investment vehicle whose purpose is to acquire or fund companies and then hold interests in those companies as capital assets for investment purpose
Pa	rt XX Excepted Nonfinancial Entity in Liquidation or Bankruptcy
34	☐ I certify that the entity identified in Part I:
	Filed a plan of liquidation, filed a plan of reorganization, or filed for bankruptcy on
	 During the past 5 years has not been engaged in business as a financial institution or acted as a passive NFFE; Is either liquidating or emerging from a reorganization or bankruptcy with the intent to continue or recommence operations as a nonfinance entity; and
	 Has, or will provide, documentary evidence such as a bankruptcy filing or other public documentation that supports its claim if it remains bankruptcy or liquidation for more than three years.
Par	t XXI 501(c) Organization
35	I certify that the entity identified in Part I is a 501(c) organization that:
	• Has been issued a determination letter from the IRS that is currently in effect concluding that the payee is a section 501(c) organization that dated; or
	 Has provided a copy of an opinion from U.S. counsel certifying that the payee is a section 501(c) organization (without regard to whether t payee is a foreign private foundation).

Form W-8BEN-E (2-2014) Page 7 Part XXII **Non-Profit Organization** 36 ☐ I certify that the entity identified in Part I is a non-profit organization that meets the following requirements: • The entity is established and maintained in its country of residence exclusively for religious, charitable, scientific, artistic, cultural or educational purposes; • The entity is exempt from income tax in its country of residence; • The entity has no shareholders or members who have a proprietary or beneficial interest in its income or assets; Neither the applicable laws of the entity's country of residence nor the entity's formation documents permit any income or assets of the entity to be distributed to, or applied for the benefit of, a private person or non-charitable entity other than pursuant to the conduct of the entity's charitable activities or as payment of reasonable compensation for services rendered or payment representing the fair market value of property which the entity has purchased; and • The applicable laws of the entity's country of residence or the entity's formation documents require that, upon the entity's liquidation or dissolution, all of its assets be distributed to an entity that is a foreign government, an integral part of a foreign government, a controlled entity of a foreign government, or another organization that is described in this Part XXII or escheats to the government of the entity's country of residence or any political subdivision thereof. Publicly Traded NFFE or NFFE Affiliate of a Publicly Traded Corporation Check box 37a or 37b, whichever applies. • The entity identified in Part I is a foreign corporation that is not a financial institution; and The stock of such corporation is regularly traded on one or more established securities markets, including (name one securities exchange upon which the stock is regularly traded). I certify that: • The entity identified in Part I is a foreign corporation that is not a financial institution; • The entity identified in Part I is a member of the same expanded affiliated group as an entity the stock of which is regularly traded on an established securities market; • The name of the entity, the stock of which is regularly traded on an established securities market, is ; and • The name of the securities market on which the stock is regularly traded is Part XXIV **Excepted Territory NFFE** I certify that: • The entity identified in Part I is an entity that is organized in a possession of the United States; • The entity identified in Part I: • Does not accept deposits in the ordinary course of a banking or similar business, • Does not hold, as a substantial portion of its business, financial assets for the account of others, or • Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account; and All of the owners of the entity identified in Part I are bona fide residents of the possession in which the NFFE is organized or incorporated. **Active NFFE** Part XXV 39 I certify that: • The entity identified in Part I is a foreign entity that is not a financial institution; · Less than 50% of such entity's gross income for the preceding calendar year is passive income; and • Less than 50% of the assets held by such entity are assets that produce or are held for the production of passive income (calculated as a weighted average of the percentage of passive assets measured quarterly) (see instructions for the definition of passive income). **Passive NFFE** 40a I certify that the entity identified in Part I is a foreign entity that is not a financial institution (other than an investment entity organized in a

10a I certify that the entity identified in Part I is a foreign entity that is not a financial institution (other than an investment entity organized in a possession of the United States) and is not certifying its status as a publicly traded NFFE (or affiliate), excepted territory NFFE, active NFFE, direct reporting NFFE, or sponsored direct reporting NFFE.

Check box 40b or 40c, whichever applies.

- f b $\ \square$ I further certify that the entity identified in Part I has no substantial U.S. owners, or
- c I further certify that the entity identified in Part I has provided the name, address, and TIN of each substantial U.S. owner of the NFFE in Part XXX.

Part XXVII Excepted Inter-Affiliate FFI

- 11 I certify that the entity identified in Part I:
 - Is a member of an expanded affiliated group;
 - · Does not maintain financial accounts (other than accounts maintained for members of its expanded affiliated group);
 - Does not make withholdable payments to any person other than to members of its expanded affiliated group that are not limited FFIs or limited branches;
 - Does not hold an account (other than a depository account in the country in which the entity is operating to pay for expenses) with or receive payments from any withholding agent other than a member of its expanded affiliated group; and
 - Has not agreed to report under §1.1471-4(d)(2)(ii)(C) or otherwise act as an agent for chapter 4 purposes on behalf of any financial institution, including a member of its expanded affiliated group.

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Part XXVIII	Sponsored Direct R	Reporting NFFE		· · ·
42 Name	e of sponsoring entity:			
43 🗌 I		ed in Part I is a direct reporting NFFE that is spons	ored by the entity identified in line	42.
Part XXIX	Certification			
•	s of perjury, I declare that I have enalties of perjury that:	examined the information on this form and to the best of r	ny knowledge and belief it is true, corre	ct, and complete. I further
	•	form is the beneficial owner of all the income to which t this form for purposes of section 6050W,	his form relates, is using this form to co	ertify its status for chapter 4
• The		form is not a U.S. person, s is: (a) not effectively connected with the conduct of a tra treaty, or (c) the partner's share of a partnership's effective		effectively connected but is
		hanges, the beneficial owner is an exempt foreign person		
Furthermore, I	authorize this form to be provided	d to any withholding agent that has control, receipt, or cuse or make payments of the income of which the entity on	stody of the income of which the entity of	on line 1 is the beneficial
I agree that I w	vill submit a new form within 30	days if any certification on this form becomes incorre	ect.	
Cian Hara	\			
Sign Here	Cignature of indiv	idual authorized to sign for beneficial owner	 Print Name	Date (MM-DD-YYYY)
	Signature of indiv	idual authorized to sign for beneficial owner	Fillit Name	Date (WIWI-DD-1111)
	☐ I certify that I hav	e the capacity to sign for the entity identified on	line 1 of this form.	
Part XXX	Substantial U.S. Ow	ners of Passive NFFE		
As required be substantial U	•	ne, address, and TIN of each substantial U.S. owne	er of the NFFE. Please see instructi	ons for definition of
	Name	Address		TIN
				W 05=1: =
			For	m W-8BEN-E (2-2014