

SoundExchange, Inc.

Letter of Direction

Solely as a service and accommodation to those featured artists entitled to royalties under 17 U.S.C. § 114(g)(2)(D) who specifically authorize SoundExchange to collect and distribute royalties on their behalf, SoundExchange permits such featured artists to designate that a percentage of the royalties due them from SoundExchange relating to certain sound recordings be remitted to creative personnel (i.e., producers, mixers, or engineers) credited or recognized publicly for the commercially released sound recording on which the featured artist performs.

Please note that a <u>performer</u> need not execute this Letter of Direction in order to be paid statutory royalties by SoundExchange.

To make such a designation, the performer submitting this Letter of Direction ("LOD") must be registered with SoundExchange.

Sections with asterisks are required.
*Name of Solo Artist(s) or Group on recording(s):
*Legal Name of Performer(s) for this LOD:
*Name of Producer, Mixer or Engineer ("Payee") – Only Include One Payment Name :
* Required if paying to a company: I certify that company listed above is owned solely by the producer, mixer, or engineer involved in the creative process for the recordings listed in the attached LOD Repertoire Chart
Payee ID (If known):
*Payee Address – include c/o's here:
Payee Telephone Number:
*Payee E-Mail:
*An LOD Repertoire Chart is required to complete the LOD. Please submit a complete LOD Repertoire Chart along with all the pages in this Letter of Direction.
*Effective Date: (choose one)
 □ Check here if this LOD applies to payments as of [date] □ Check here if this LOD applies retroactively for all tracks listed on the LOD Repertoire Chart. □ Check here if the Effective Payment Date varies by track. Enter the Effective Dates on the LOD Repertoire Char
Please note that retroactive application of an LOD is limited to available SoundExchange royalties for the tracks listed on the LOD Repertoire Chart.
*Payment Percentage ("Percentage"): check applicable box
☐



TERMS AND CONDITIONS

By signing this Letter of Direction and submitting it to SoundExchange, Performer agrees as follows:

- 1. Performer represents and warrants that Performer is the featured recording artist who performed on the sound recording(s) identified on the "LOD Repertoire Chart" attached hereto as Schedule 1 (the "Recordings").
- 2. Performer represents and warrants that Payee is an individual credited or recognized publicly for the commercially released sound recording identified on the LOD Repertoire Chart (i.e., a producer, mixer, or engineer).
- 3. Performer requests and authorizes SoundExchange to pay to and in the name of Payee an amount equal to Percentage of the royalties otherwise payable by SoundExchange to Performer in respect of the Recordings, thereby reducing the payments from SoundExchange to Performer. If a previous "Royalty Distribution Information for Featured Artist" or other letter of direction has been provided to SoundExchange that conflicts with this Letter of Direction, then any and all previous letters of direction or similar documents conflicting herewith are hereby revoked.
- 4. All monies becoming payable under this Letter of Direction shall be remitted to Payee at the address identified above or as Payee otherwise directs SoundExchange in writing. If SoundExchange requires additional information (e.g., Payee tax information) to remit payments under this Letter of Direction, then Performer and Payee shall be responsible for providing SoundExchange with such information promptly. To the extent SoundExchange is not provided with sufficient or correct information to remit payment to Payee, or checks mailed to Payee's last known address are returned, SoundExchange may hold the monies pending receipt of such information or pay the royalties to Performer.
- 5. SoundExchange will honor a written revocation by Performer of the designation made by this Letter of Direction. In the event of such a revocation, SoundExchange may, but need not, mail notice of the revocation to the last known address of Payee. The foregoing is without prejudice to any other contractual arrangements between Performer and Payee requiring payment of the Percentage by Performer. SoundExchange has no responsibility for Performer's performance or nonperformance of any such obligation.
- 6. SoundExchange may discontinue making payments under this Letter of Direction at any time, including if checks mailed to Payee's last known address are returned, Performer ceases to be a registrant of SoundExchange, or SoundExchange modifies its policies concerning letters of direction. If it does so, then SoundExchange may, but need not, mail notice thereof to the last known address of Performer and Payee, and monies that otherwise would have been payable under this Letter of Direction will be paid to Performer.
- 7. Performer acknowledges that SoundExchange is providing payments to Payee solely as an accommodation to Performer but that all royalties distributed by SoundExchange to Payee are taxable to Payee. Payee shall be solely responsible for providing SoundExchange with tax paperwork required by any governmental agency, including the Internal Revenue Service, to avoid tax withholding.



- 8. SoundExchange may rely conclusively, and shall have no liability when acting, upon any written notice, instruction, other document or signature that is reasonably believed by SoundExchange to be genuine and to be authorized by Performer. SoundExchange shall not be responsible for failure to act as a result of causes beyond the reasonable control of SoundExchange. SoundExchange shall not be liable to Performer, Payee or to any third party for, and Performer agrees to defend (with counsel satisfactory to SoundExchange), indemnify and hold harmless SoundExchange from, any damages or loss (including reasonable attorney's fees) in any way related to this Letter of Direction, unless such loss is caused by SoundExchange's gross negligence or willful misconduct. The provisions of this Paragraph 8 shall survive the revocation or other termination of this Letter of Direction.
- 9. In order to maintain flexibility in administering this Letter of Direction, SoundExchange may modify these Terms and Conditions from time to time, in its sole discretion. Such changes shall be effective immediately and Performer shall be deemed to have notice of such changes when they are made available on the SoundExchange website. Notwithstanding the foregoing, if Performer does not wish to accept any changes, Performer must provide SoundExchange written notice within thirty (30) days of notice of any changes to this Letter of Direction.
- 10. This Letter of Direction shall be governed by and construed in accordance with the substantive laws of the District of Columbia. Any dispute relating to or arising from this Letter of Direction shall be subject to the exclusive jurisdiction of courts sitting in the District of Columbia.

ACKNOWLEDGED AND ACCEPTED BY:

(The signature of each Performer or Authorized Signatory for each Performer is required.)
Performer Signature:
*Performer Printed Legal Name:
OR, SoundExchange Authorized LOD Signatory:
SoundExchange Authorized LOD Signatory Printed Name:
Date of Signature:
Return the original of this form to:
SoundExchange, Inc.
733 10th Street NW, 10th Floor
Washington, DC 20001

You may also scan and email the completed forms to accounts@soundexchange.com Or fax to: 202.640.5859

If you have questions, please call 1-800-961-2091 or email accounts@soundexchange.com



ADDITIONAL SIGNATURES PAGE (use when applicable):

ACKNOWLEDGED AND ACCEPTED BY:

Performer Signature:
*Performer Printed Legal Name:
OR, SoundExchange Authorized LOD Signatory:
SoundExchange Authorized LOD Signatory Printed Name:
Date of Signature:
ACKNOWLEDGED AND ACCEPTED BY:
Performer Signature:
*Performer Printed Legal Name:
OR, SoundExchange Authorized LOD Signatory:
SoundExchange Authorized LOD Signatory Printed Name:
Date of Signature:
ACKNOWLEDGED AND ACCEPTED BY:
Performer Signature:
*Performer Printed Legal Name:
OR, SoundExchange Authorized LOD Signatory:
SoundExchange Authorized LOD Signatory Printed Name:
Date of Signature:
ACKNOWLEDGED AND ACCEPTED BY:
Performer Signature:
*Performer Printed Legal Name:
OR, SoundExchange Authorized LOD Signatory:
SoundExchange Authorized LOD Signatory Printed Name:
Date of Signature:



Tax Information

We will need a tax document in the same name as the payment name.

If one is not provided, we will apply the standard IRS withholding of 24% for US Payees, or 30% for non-US payees.

US payees: Please complete and submit a **W9** form to provide a Taxpayer Identification Number (TIN) http://www.irs.gov/pub/irs-pdf/fw9.pdf

Non-US individuals: Please complete and submit a **W-8BEN** form to provide a TIN http://www.irs.gov/pub/irs-pdf/fw8ben.pdf

Non-US companies: Please complete and submit a **W-8BEN-E** form to provide a TIN http://www.irs.gov/pub/irs-pdf/fw8bene.pdf

Blank forms are appended below for your convenience. Only submit the form that applies to the Payee.



Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

	SVING COLVICE					
	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line	e blank.				
page 2.	2 Business name/disregarded entity name, if different from above					
s on	3 Check appropriate box for federal tax classification; check only one of the following seven box: Individual/sole proprietor C Corporation S Corporation Partnersl single-member LLC	rust/estate	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any)			
tyk	Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=		, ,	· ———		
Print or type c Instruction	Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriat the tax classification of the single-member owner.	Exemption fro		eporting		
Pri c Ir	Other (see instructions) ▶			(Applies to account	s maintained out	side the U.S.)
oecifi	5 Address (number, street, and apt. or suite no.)	Reque	ster's name a	and address (op	rtional)	
See S k	6 City, state, and ZIP code					
	7 List account number(s) here (optional)	'				
Par	Taxpayer Identification Number (TIN)					
	our TIN in the appropriate box. The TIN provided must match the name given on line		Social sec	curity number		
reside entitie	withholding. For individuals, this is generally your social security number (SSN). How t alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. Fo it is your employer identification number (EIN). If you do not have a number, see <i>Hov</i>	r other		-		
TIN or	page 3.		or			
	the account is in more than one name, see the instructions for line 1 and the chart or	n page 4 for	Employer	identification	number	
guidel	es on whose number to enter.			-		
Part	Certification					
Under	penalties of perjury, I certify that:					
1. The	number shown on this form is my correct taxpayer identification number (or I am wait	ting for a num	ber to be is	sued to me);	and	
Ser	not subject to backup withholding because: (a) I am exempt from backup withholding ice (IRS) that I am subject to backup withholding as a result of a failure to report all in onger subject to backup withholding; and					
3. I ar	a U.S. citizen or other U.S. person (defined below); and					
4. The	FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA re	eporting is co	rrect.			
becau interes genera	eation instructions. You must cross out item 2 above if you have been notified by the eyou have failed to report all interest and dividends on your tax return. For real estate paid, acquisition or abandonment of secured property, cancellation of debt, contribuly, payments other than interest and dividends, you are not required to sign the certifications on page 3.	e transactions itions to an in	, item 2 doe dividual reti	es not apply. rement arranç	For mortga gement (IR	age A), and
Sign Here	Signature of U.S. person ▶	Date ►				

General Instructions

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

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
 - 2. Certify that you are not subject to backup withholding, or
- 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- 4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

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

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

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

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

- 1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
 - 2. The treaty article addressing the income
- 3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- 4. The type and amount of income that qualifies for the exemption from tax.
- 5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

- 1. You do not furnish your TIN to the requester,
- 2. You do not certify your TIN when required (see the Part II instructions on page 3 for details), $\,$

- 3. The IRS tells the requester that you furnished an incorrect TIN.
- 4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
- 5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See Exempt payee code on page 3 and the separate Instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships above.

What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See Exemption from FATCA reporting code on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

- b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.
- c. Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.
- d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.
- e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

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Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1094-MISC

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1-An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
 - 2-The United States or any of its agencies or instrumentalities
- $3-\!A$ state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- $4-\!\mbox{A}$ foreign government or any of its political subdivisions, agencies, or instrumentalities
 - 5-A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- $7\!-\!\mathrm{A}$ futures commission merchant registered with the Commodity Futures Trading Commission
 - 8-A real estate investment trust
- $9-\mbox{An}$ entity registered at all times during the tax year under the Investment Company Act of 1940
 - 10-A common trust fund operated by a bank under section 584(a)
 - 11-A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
 - 13-A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for	THEN the payment is exempt for
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B-The United States or any of its agencies or instrumentalities
- C-A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
 - G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I-A common trust fund as defined in section 584(a)
- J-A bank as defined in section 581
- K-A broker
- L-A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M-A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Form W-9 (Rev. 12-2014) Page 4

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see Exempt payee code earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below

- 1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.
- 2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
- 3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification
- 4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
- 5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
Individual Two or more individuals (joint account)	The individual The actual owner of the account or, if combined funds, the first individual on the account
Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee¹ The actual owner¹
Sole proprietorship or disregarded entity owned by an individual	The owner ³
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor*
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity⁴
Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
Association, club, religious, charitable, educational, or other tax- exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
 Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i) (B)) 	The trust

List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships on page 2. *Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- · Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039

For more information, see Publication 4535, Identity Theft Prevention and Victim

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

Circle the minor's name and furnish the minor's SSN.

Form W-8BEN

(Rev. January 2017)

Department of the Treasury Internal Revenue Service

Certificate of Foreign Status of Beneficial Owner for United **States Tax Withholding and Reporting (Individuals)**

► For use by individuals. Entities must use Form W-8BEN-E.

▶ Information about Form W-8BEN and its separate instructions is at www.irs.gov/formw8ben. ▶ 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 if:			Instead, use Form:
• You	are NOT an individual			W-8BEN-E
• You	are a U.S. citizen or other U.S. person, including a reside	ent alien individual		W-9
	are a beneficial owner claiming that income is effectively er than personal services)		trade or business	within the U.S.
• You	are a beneficial owner who is receiving compensation for	r personal services performed in	n the United States	s 8233 or W-4
• You	are a person acting as an intermediary			W-8IMY
Note:	If you are resident in a FATCA partner jurisdiction (i.e., a led to your jurisdiction of residence.			
Par	Identification of Beneficial Owner (se	e instructions)		
1	Name of individual who is the beneficial owner	,	2 Country of o	citizenship
3	Permanent residence address (street, apt. or suite no.,	or rural route). Do not use a P.	O. box or in-care	-of address.
	City or town, state or province. Include postal code who	ere appropriate.		Country
4	Mailing address (if different from above)			
	City or town, state or province. Include postal code who	ere appropriate.		Country
5	U.S. taxpayer identification number (SSN or ITIN), if req	quired (see instructions)	6 Foreign tax	identifying number (see instructions)
7	Reference number(s) (see instructions)	8 Date of birth (MM-DD-	YYYY) (see instruc	tions)
Par	II Claim of Tax Treaty Benefits (for chap	oter 3 purposes only) (see	e instructions)	
9	Leadification to the form of the control of the control of	7 , (within the meaning of the income tax
	treaty between the United States and that country.			-
10	Special rates and conditions (if applicable—see instru	uctions): The beneficial owner is	s claiming the prov	risions of Article and paragraph
	of the treaty identified of	on line 9 above to claim a	% rate of withho	lding on (specify type of income):
	Explain the additional conditions in the Article and para	agraph the beneficial owner med	ets to be eligible fo	or the rate of withholding:
Part	III Certification			
	penalties of perjury, I declare that I have examined the information under penalties of perjury that:	n on this form and to the best of my	knowledge and belie	ef it is true, correct, and complete. I further
•	I am the individual that is the beneficial owner (or am authorized am using this form to document myself for chapter 4 purposes,		e beneficial owner) of	f all the income to which this form relates or
•	The person named on line 1 of this form is not a U.S. person,			
•	The income to which this form relates is:			
	(a) not effectively connected with the conduct of a trade or bus	iness in the United States,		
	(b) effectively connected but is not subject to tax under an application	licable income tax treaty, or		
	(c) the partner's share of a partnership's effectively connected	income,		
•	The person named on line 1 of this form is a resident of the treat the United States and that country, and	aty country listed on line 9 of the for	m (if any) within the r	meaning of the income tax treaty between
•	For broker transactions or barter exchanges, the beneficial own	ner is an exempt foreign person as	defined in the instruct	tions.
	Furthermore, I authorize this form to be provided to any withho any withholding agent that can disburse or make payments of if any certification made on this form becomes incorrect.			
Sign	Here			
	Signature of beneficial owner (or individ	dual authorized to sign for beneficial	owner)	Date (MM-DD-YYYY)
	Print name of signer		apacity in which acti	ing (if form is not signed by beneficial owner)

Form W-8BEN-E

(Rev. April 2016) 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 For	m:
• U.S.	entity or U.S. citizen or resident				۷-9
• A fore	eign individual			W-8BEN (Individual) or Form 82	233
	eign individual or entity claiming that income is eff ss claiming treaty benefits)	ectively connected	with the conduct o	of trade or business within the U.S.	ΞCΙ
• A fore	eign partnership, a foreign simple trust, or a foreig	n grantor trust (unle	ess claiming treaty	benefits) (see instructions for exceptions) W-8IN	ΜY
A fore gover	eign government, international organization, foreig	n central bank of is is effectively conne	ssue, foreign tax-ex ected U.S. income	cempt organization, foreign private foundation, or or that is claiming the applicability of section(s) 115(2),	
• Any p	person acting as an intermediary				ΜY
Par	t I Identification of Beneficial Ow	ner			_
1	Name of organization that is the beneficial owner			2 Country of incorporation or organization	_
3	Name of disregarded entity receiving the paymer	t (if applicable, see	e instructions)		
4	Chapter 3 Status (entity type) (Must check one b Simple trust Grantor trust		Corporation Complex trust	☐ Disregarded entity ☐ Partnership☐ Estate ☐ Governmen	
	☐ Central Bank of Issue ☐ Tax-exempt or	ganization 🗌 F	Private foundation	☐ International organization	
	If you entered disregarded entity, partnership, sin claim? If "Yes" complete Part III.	mple trust, or grant	tor trust above, is th	ne entity a hybrid making a treaty	
5	Chapter 4 Status (FATCA status) (See instruction	s for details and co	omplete the certific	cation below for the entity's applicable status).	_
	Nonparticipating FFI (including a limited FFI of Reporting IGA FFI other than a deemed-comparticipating FFI, or exempt beneficial owner	pliant FFI,	Foreign g	ting IGA FFI. Complete Part XII. overnment, government of a U.S. possession, or foreig ank of issue. Complete Part XIII.	jη
	Participating FFI.		Internatio	nal organization. Complete Part XIV.	
	Reporting Model 1 FFI.			etirement plans. Complete Part XV.	
	Reporting Model 2 FFI.		•	blly owned by exempt beneficial owners. Complete Part X	VI.
	Registered deemed-compliant FFI (other tha	n a reporting Mode	—	financial institution. Complete Part XVII.	
	FFI, sponsored FFI, or nonreporting IGA FFI See instructions.	covered in Part XII)	Norminan	cial group entity. Complete Part XVIII. nonfinancial start-up company. Complete Part XIX.	
	Sponsored FFI. Complete Part IV.		☐ Excepted	nonfinancial entity in liquidation or bankruptcy.	
	Certified deemed-compliant nonregistering le Part V.	ocal bank. Complet		e Part XX. ganization. Complete Part XXI.	
	Certified deemed-compliant FFI with only low Complete Part VI.	v-value accounts.		organization. Complete Part XXII. raded NFFE or NFFE affiliate of a publicly traded	
	Certified deemed-compliant sponsored, clos vehicle. Complete Part VII.	ely held investmen	t corporation	on. Complete Part XXIII.	
	Certified deemed-compliant limited life debt inv	estment entity.		FE. Complete Part XXV.	
	Complete Part VIII.	,		NFFE. Complete Part XXVI.	
	☐ Certified deemed-compliant investment adviso	rs and investment	☐ Excepted	inter-affiliate FFI. Complete Part XXVII.	
	managers. Complete Part IX.			porting NFFE.	
	☐ Owner-documented FFI. Complete Part X.☐ Restricted distributor. Complete Part XI.			ed direct reporting NFFE. Complete Part XXVIII. that is not a financial account.	
6	Permanent residence address (street, apt. or suite n	o., or rural route). D o	o not use a P.O. bo	x or in-care-of address (other than a registered address).	
	City or town, state or province. Include postal co		ate.	Country	
7	Mailing address (if different from above)				
	City or town, state or province. Include postal co	de where appropri	ate.	Country	
8	U.S. taxpayer identification number (TIN), if required	9a GIIN		b Foreign TIN	
10	Reference number(s) (see instructions)				
Note:	Please complete remainder of the form including s	igning the form in I	Part XXX.		

Form W-8BEN-E (Rev. 4-2016) Disregarded Entity or Branch Receiving Payment. (Complete only if a disregarded entity with a GIIN or a Part II branch of an FFI in a country other than the FFI's country of residence. See instructions.) Chapter 4 Status (FATCA status) of disregarded entity or branch receiving payment 11 Reporting Model 1 FFI. Limited Branch (see instructions). U.S. 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. GIIN (if any) 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. The following are types of limitation on benefits provisions that may be included in an applicable tax treaty (check only one; see instructions): Government Company that meets the ownership and base erosion test Tax exempt pension trust or pension fund Company that meets the derivative benefits test Other tax exempt organization Company with an item of income that meets active trade or business test ☐ Publicly traded corporation ☐ Favorable discretionary determination by the U.S. competent authority received Other (specify Article and paragraph): ☐ Subsidiary of a publicly traded corporation The beneficial owner is claiming treaty benefits for U.S. source dividends received from a foreign corporation or interest from a U.S. trade or business of a foreign corporation and meets qualified resident status (see instructions). 15 Special rates and conditions (if applicable—see instructions): The beneficial owner is claiming the provisions of Article and paragraph of the treaty identified on line 14a above to claim a ______ % rate of withholding on (specify type of income): _____ Explain the additional conditions in the Article the beneficial owner meets to be eligible for the rate of withholding: Part IV Sponsored FFI Name of sponsoring entity: GIIN of sponsoring entity: 17 Check whichever box applies. I certify that the entity identified in Part I: • 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.

Form W-8BEN-E (Rev. 4-2016)

Part V Certified Deemed-Compliant Nonregistering Local Bank

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

Part VI Certified Deemed-Compliant FFI with Only Low-Value Accounts

- - 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

- Name of sponsoring entity:
- - Is an FFI solely because it is an investment entity described in §1.1471-5(e)(4);
 - Is not a QI, WP, or WT;
 - Will have all of its due diligence, withholding, and reporting responsibilities (determined as if the FFI were a participating FFI) fulfilled by the sponsoring entity identified on line 20; 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

- - 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)).

Part IX Certified Deemed-Compliant Investment Advisors and Investment Managers

- - 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.

Part X Owner-Documented FFI

Note: This status only applies if the U.S. financial institution, participating FFI, or reporting Model 1 FFI to which this form is given has agreed that it will treat the FFI as an owner-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;
 - 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;
 - Does not maintain a financial account for any nonparticipating FFI; and
 - Does not have any specified U.S. persons that own an equity interest or debt interest (other than a debt interest that is not a financial account or that has a balance or value not exceeding \$50,000) in the FFI other than those identified on the FFI owner reporting statement.

Form W	-8BEN-E (Rev. 4-2016) Page 4
Par	Owner-Documented FFI (continued)
Check	box 24b or 24c, whichever applies.
b	☐ I certify that the FFI identified in Part I:
	• 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 direct or indirect equity interest in the owner-documented FFI (looking through all entities other than specified U.S. persons);
	• The name, address, TIN (if any), and chapter 4 status of every individual and 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 excess of \$50,000 (disregarding all such debt interests owned by participating FFIs, registered deemed-compliant FFIs, certified deemed-compliant FFIs, excepted NFFEs, exempt beneficial owners, or U.S. persons other than specified U.S. persons); and
	 Any additional information the withholding agent requests in order to fulfill its obligations with respect to the entity.
	• Has provided, or will provide, valid documentation meeting the requirements of §1.1471-3(d)(6)(iii) for each person identified in the FFI owner reporting statement.
С	I 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 §1.1471-3(d)(6)(iv)(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 (optional, see instructions).
d	I certify that the entity identified on 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 distributors check here) I certify that the entity identified in Part I:
	• 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.
I furthe	box 25b or 25c, whichever applies. r 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 ecember 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.
С	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.
	- WORENE - AND

	V-8BEN-E (Rev. 4-2016)
Part	XII Nonreporting IGA FFI
26	☐ 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 The applicable IGA is a Model 1 IGA or a Model 2 IGA; and
	is treated as a under the provisions of the applicable IGA or Treasury regulations
	(if applicable, see instructions);
	• If you are a trustee documented trust or a sponsored entity, provide the name of the trustee or sponsor whose GIIN is provided on
	line 9a (if any); and your GIIN (if issued to you)
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
heck	s 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 Immunities Act or that has in effect a headquarters agreement with a foreign government;
	• 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 as permitted in §1.1471-6(h)(2)).
Part	XV Exempt Retirement Plans
heck	k 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 as 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 or 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 former 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

• 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

• Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the

earned income and compensation of the employee, respectively;

country in which the fund is established or operates.

fund's assets; and

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Part	Exempt Retirement Plans (continued)	
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), oth	ner
	an 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	
	escribed 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 retireme ension accounts), or retirement and pension accounts described in an applicable Model 1 or Model 2 IGA.	nt and
f	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. poss each as defined in §1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retire isability, or death benefits to beneficiaries or participants that are current or former employees of the sponsor (or persons designated by imployees); or	rement,
	Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. posseach as defined in §1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retires is ability, or death benefits to beneficiaries or participants that are not current or former employees of such sponsor, but are in consider for the sponsor.	rement,
Part	I 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 applodel 1 or Model 2 IGA;	olicable
	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 sempt beneficial owner described in §1.1471-6 or an applicable Model 1 or Model 2 IGA.	y) or an
	Has provided an owner reporting statement that contains the name, address, TIN (if any), chapter 4 status, and a description of the ocumentation provided to the withholding agent for every person that owns a debt interest constituting a financial account or direct terest 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) agard to whether such owners are beneficial owners.	without
Part	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 ur	nder
	the laws of a possession of the United States.	
Part 2		
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 descr 1.1471-5(e)(5)(i)(C) through (E);	ibed in
	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, vestment vehicle with an investment strategy to acquire or fund companies and then hold interests in those companies as capital assets vestment purposes.	
Part	X 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)	
	late 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 usiness other than that of a financial institution or passive NFFE;	line of
	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, vestment vehicle whose purpose is to acquire or fund companies and then hold interests in those companies as capital assets for investment purpose.	•
Part		
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 nonfintity; and	nancial
	Has, or will provide, documentary evidence such as a bankruptcy filing or other public documentation that supports its claim if it remander and the supports its claim if it remander or liquidation for more than three years.	nains in

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Part	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 is 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 the payee is a foreign private foundation).
Part 2	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 of 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 or residence or any political subdivision thereof.
Part 2	
	box 37a or 37b, whichever applies.
37a	L I certify that:
	• 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
b	☐ 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
Dort \	XIV Excepted Territory NFFE
Part 2	I certify that:
30	• 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.
Part 2	Active NFFE
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 everyor of the percentage of passive assets massived question) (see instructions for the definition of passive income)
Part >	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 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.
b	I further certify that the entity identified in Part I has no substantial U.S. owners (or, if applicable, no controlling U.S. persons), or
С	I further certify that the entity identified in Part I has provided the name, address, and TIN of each substantial U.S. owner (or, if applicable, controlling U.S. person) of the NFFE in Part XXIX.

Form W-8BEN-E (Rev. 4-2016) Page 8 Excepted Inter-Affiliate FFI Part XXVII 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. Sponsored Direct Reporting NFFE (see instructions for when this is permitted) Part XXVIII Name of sponsoring entity: GIIN of sponsoring entity: I certify that the entity identified in Part I is a direct reporting NFFE that is sponsored by the entity identified on line 42. Part XXIX Substantial U.S. Owners of Passive NFFE As required by Part XXVI, provide the name, address, and TIN of each substantial U.S. owner of the NFFE. Please see instructions for definition of substantial U.S. owner. If providing the form to an FFI treated as a reporting Model 1 FFI or reporting Model 2 FFI, an NFFE may also use this Part for reporting its controlling U.S. persons under an applicable IGA. TIN Name Address Part XXX Certification Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that: • The entity identified on line 1 of this form is the beneficial owner of all the income to which this form relates, is using this form to certify its status for chapter 4 purposes, or is a merchant submitting this form for purposes of section 6050W, • The entity identified on line 1 of this form is not a U.S. person, • The income to which this form relates is: (a) not effectively connected with the conduct of a trade or business in the United States, (b) effectively connected but is not subject to tax under an income tax treaty, or (c) the partner's share of a partnership's effectively connected income, and • For broker transactions or barter exchanges, the beneficial owner is an exempt foreign person as defined in the instructions. Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the income of which the entity on line 1 is the beneficial owner or any withholding agent that can disburse or make payments of the income of which the entity on line 1 is the beneficial owner. I agree that I will submit a new form within 30 days if any certification on this form becomes incorrect. Sign Here Signature of individual authorized to sign for beneficial owner Date (MM-DD-YYYY) ☐ I certify that I have the capacity to sign for the entity identified on line 1 of this form.