Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2017

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
CITADEL LLC RETIREMENT SAVINGS PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 01/01/2000

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)

CITADEL LLC

131 SOUTH DEARBORN
CHICAGO, IL 60603

2b Employer Identification Number (EIN)
36-4108019

2c Plan Sponsor's telephone number
312-395-2100

2d Business code (see instructions)
523900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	06/27/2018	STANA GRIM
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:
a Sponsor's name
c Plan Name

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	2608
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	1722
a(2) Total number of active participants at the end of the plan year	**6a(2)**	2030
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	992
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	3022
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f Total. Add lines **6d** and **6e**.	**6f**	3022
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	2761
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	114
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K 2R 2T 3D 3F 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

(1)	[ ]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

(1)	[ ]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

(1)	[X]	**R** (Retirement Plan Information)
(2)	[ ]	**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
(3)	[ ]	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1)	[X]		**H** (Financial Information)
(2)	[ ]		**I** (Financial Information – Small Plan)
(3)	[ ]	0	**A** (Insurance Information)
(4)	[X]		**C** (Service Provider Information)
(5)	[X]		**D** (DFE/Participating Plan Information)
(6)	[ ]		**G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) .....…… ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ……..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2017 Form M-1 annual report. If the plan was not required to file the 2017 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2017** **This Form is Open to Public Inspection.**

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
CITADEL LLC RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
CITADEL LLC

D Employer Identification Number (EIN)
36-4108019

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRICEWATERHOUSECOOPERS LLP

13-4008324

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	ACCOUNTANT/AUDITOR	25886	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 60 64 65 71	RECORDKEEPER	-14763	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
REMS REAL ESTATE VALUE OPPORTUNITY	8730 STONY POINT PARKWAY STE 205 RICHMOND, VA 23235	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WELLS FARGO DIVERSIFINC BUILDER CL	525 MARKET ST SAN FRANCISCO, CA 94105	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WASATCH EMERGING MARKETS SMALL CAP	505 WAKARA WAY SUITE 300 SALT LAKE CITY, UT 84108	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WASATCH WORLD INNOVATORS FUND	505 WAKARA WAY SUITE 300 SALT LAKE CITY, UT 84108	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GENEVA ADVISORS ALL CAP GROWTH CLAS	777 E WISCONSIN AVE. FLOOR 31 MILWAUKEE, WI 53202	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TOCQUEVILLE GOLD FUND	40 W 57TH STREET 19TH FL NEW YORK, NY 10019	$16.00

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THOMPSON BOND FUND	918 DEMING WAY 3RD FLOOR MADISON, WI 53717	0.25%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THIRD AVENUE FOCUSED CREDIT FUND IN	622 THIRD AVENUE 32 FLOOR NEW YORK, NY 10017	0.12%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TEMPLETON GLOBAL BOND CLASS A	100 FOUNTAIN PARKWAY ST. PETERSBURG, FL 33716	$16.00

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SMEAD VALUE FUND INVESTOR CL SHARES 1290 BROADWAY SUITE 1100 DENVER, CO 80203	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T ROWE PRICE LATIN AMERICA FUND 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T ROWE PRICE CAP APPRECIATION 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ULTRA EMERGING MRKTSPRO FD INVT CL 7501 WISCONSIN AVE SUITE 1000 EAST BETHESDA, MD 20814	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ULTRA SHORT CHINA PRO FUND INVESTOR 7501 WISCONSIN AVE SUITE 1000 EAST BETHESDA, MD 20814	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ULTRA INTL PRO FD INVT CL 7501 WISCONSIN AVE SUITE 1000 EAST BETHESDA, MD 20814	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ULTRA JAPAN PRO FUNDINVESTORS SHS	7501 WISCONSIN AVE SUITE 1000 EAST BETHESDA, MD 20814	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AKRE FOCUS FUND RETAIL	777 E. WISCONSIN AVE. 4TH FL MILWAUKEE, WI 53202	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO RAE FUNDAMNTALPLUS FUND D	1633 BROADWAY NEW YORK, NY 10019	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO STOCKSPLUS SMALL FUND D	1633 BROADWAY NEW YORK, NY 10019	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO STOCKSPLUS INTERNATL (UNHDG)	1633 BROADWAY NEW YORK, NY 10019	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO INCOME FUND CL D	1633 BROADWAY NEW YORK, NY 10019	0.38%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO ALL ASSET FUND CLASS D	1633 BROADWAY NEW YORK, NY 10019	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO INVESTMENT GRADE CORP BOND CL	1633 BROADWAY NEW YORK, NY 10019	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PIMCO GLOBAL BOND FUND (UNHEDGED) C	1633 BROADWAY NEW YORK, NY 10019	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PERMANENT PORTFOLIO 600 MONTGOMERY ST. SUITE 4100 SAN FRANCISCO, CA 94111-2702	0.38%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
OPPENHEIMER INTL SMLMID COMPANY CL 6801 SOUTH TUCSON WAY ENGLEWOOD, CO 80112	$16.50

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NORTHERN MULTI MANAGER EMG MRKT EQ 801 SOUTH CANAL C 5S CHICAGO, IL 60675	$16.00

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NORTHERN MULTI MAN GLOBAL REAL ESTA	801 SOUTH CANAL C 5S CHICAGO, IL 60675	$16.00

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NEUBERGER BERMAN REAL ESTATE TRUST	1290 AVENUE OF THE AMERICAS 22ND FL NEW YORK, NY 01010-4002	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EVENTIDE GILEAD FUND CLASS N	80 ARKAY SUITE 110 HAUPPAUGE, NY 11788	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MORGAN STANLEY INSTLINTERNTL OPP CL 522 FIFTH AVENUE 4TH FLOOR NEW YORK, NY 10036	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MORGAN STANLEY GLOBAL OPPORTUNITY A 522 FIFTH AVENUE 4TH FLOOR NEW YORK, NY 10036	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MATTHEWS ASIAN GROWTH & INCOME FUND 4 EMBARCADERO CENTER SUITE 550 SAN FRANCISCO, CA 94111	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MATTHEWS ASIA DIVIDEND FUND	4 EMBARCADERO CENTER SUITE 550 SAN FRANCISCO, CA 94111	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MARSICO FLEXIBLE CAPITAL FUND	235 WEST GALENA STREET MILWAUKEE, WI 53212	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MANNING & NAPIER INTL SERIES CL S	290 WOODCLIFF DR. FAIRPORT, NY 14450	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LOOMIS SAYLES BOND RETAIL SHARES	399 BOYLSTON STREET 8TH FL BOSTON, MA 02116	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LOOMIS SAYLES GLOBAL BOND RETAIL	399 BOYLSTON STREET 8TH FL BOSTON, MA 02116	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LAZARD GLOBAL LISTEDINFRASTRUCTE IN	30 ROCKEFELLER PLAZA 57TH FL. NEW YORK, NY 10112	0.15%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JENSEN QUALITY GROWTH FD CL J	811 E. WISCONSIN AVE 8TH FLOOR MILWAUKEE, WI 53202	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JANUS HENDERSON ENTERPRISE T	151 DETROIT ST. DENVER, CO 80206	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JANUS HENDERSON TRITON T	151 DETROIT ST. DENVER, CO 80206	0.35%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
IVY EMERGING MARKETSEQUITY CL A	6300 LAMAR AVE OVERLAND PARK, KS 66202	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EUROPAC GOLD FUND CLASS A	LOTS 81 82 STREET C SUITE 204 DORADO, PR 00646	0.08%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
INTREPID ENDURANCE FUND INVESTOR CL	1400 MARSH LANDING PKWY. SUITE 106 JACKSONVILLE BEACH, FL 32250	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ICON ENERGY CL S	5299 DTC BLVD. SUITE 1200 GREENWOOD VILLAGE, CO 80111	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
HENNESSY JAPAN SMALLCAP INVESTOR CL	7250 REDWOOD BLVD. STE 200 NOVATO, CA 94945	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
HEARTLAND VALUE PLUS	789 N. WATER STREET MILWAUKEE, WI 53202	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
OAKMARK INTL INVESTOR CL	111 SOUTH WACKER DR. CHICAGO, IL 60606	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GREEN CENTURY EQUITY	114 STATE ST. STE. 200 BOSTON, MA 02111	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GABELLI ASSET FUND AAA	401 THEODORE FREMD. AVE. RYE, NY 10580	0.35%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
FEDERATED HIGH YIELDTRUST SS	4000 ERICSSON DRIVE WARRENDALE, PA 15086-7515	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
FMI LARGE CAP FUND	777 EAST WISCONSIN AVENUE MK WI T4M MILWAUKEE, WI 53202	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DOUBLELINE SHILLER ENHANCED CAP CL	777 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DOUBLELINE TOTAL RETURN BOND FD CL 777 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202	0.06%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DIREXION MONTHLY S&P 500 BULL 2X IN 155 SEAPORT BOULEVARD SUITE P8 BOSTON, MA 02210	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DIREXION MONTHLY NASDAQ100BULL2X IN 155 SEAPORT BOULEVARD SUITE P8 BOSTON, MA 02210	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
COLUMBIA BALANCED FUND CL A	225 FRANKLIN ST BX25 10320 BOSTON, MA 02110	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BARON SMALL CAP FD	767 5TH AVENUE 49TH FLOOR NEW YORK, NY 10153	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ABERDEEN GLOBAL HIGHINCOME FUND CL	1735 MARKET STREET 32ND FLOOR PHILADELPHIA, PA 19103	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ARTISAN GLOBAL OPPORTUNITIES INV	875 EAST WISCONSIN AVENUE SUITE 800 MILWAUKEE, WI 53202	0.39%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMERICAN CENTURY CHGAL GOLD INV CL	4400 MAIN ST 1ST FLOOR KANSAS CITY, MO 64111	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ALLIANZGI HIGH YIELD BOND INST	1633 BROADWAY NEW YORK, NY 10019	0.10%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AQR LONG SHORT EQUITY FUND CL I 1 GREENWICH PLAZA GREENWICH, CT 06830	0.10%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AQR STYLE PREMIA ALTERNATIVE CL I 1 GREENWICH PLAZA GREENWICH, CT 06830	0.10%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMG YACKTMAN FUND I 600 STEAMBOAT ROAD SUITE 300 GREENWICH, CT 06830	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMG YACKTMAN FOCUSED N 600 STEAMBOAT ROAD SUITE 300 GREENWICH, CT 06830	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMG SOUTHERNSUN SMALL CAP N 600 STEAMBOAT ROAD SUITE 300 GREENWICH, CT 06830	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2010 R5 - AMERICAN FU 95-2566717	0.05%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2015 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2020 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2025 R5 - AMERICAN FU 95-2566717	0.05%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2030 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2035 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2040 R5 - AMERICAN FU 95-2566717	0.05%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2045 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2050 R5 - AMERICAN FU 95-2566717	0.05%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AF TRGT DATE 2055 R5 - AMERICAN FU 95-2566717	0.05%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BARON ASSET INST - DST SYSTEMS INC 43-1581814	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TRP REAL ESTATE - T. ROWE PRICE SE 52-2269240	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WF EMRG MKTS EQ IS - BOSTON FINANC P.O. BOX 8480 BOSTON, MA 02266	0.15%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WF SM CO GROWTH ADM - BOSTON FINAN P.O. BOX 8480 BOSTON, MA 02266	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2017

This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
CITADEL LLC RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 002

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
CITADEL LLC

D Employer Identification Number (EIN)
36-4108019

Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)

(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: MIP CL 1

b Name of sponsor of entity listed in (a): FIDELITY MANAGEMENT TRUST COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
04-3022712-024	C	4639984

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2017

This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
CITADEL LLC RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
CITADEL LLC

D Employer Identification Number (EIN)
36-4108019

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	9616237	12018072
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	18882694	18085611
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	1360646	1297803
(9) Value of interest in common/collective trusts	1c(9)	5697097	4639984
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	268251227	356023562
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	0	0

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	**1d(1)**	0	0
	(2) Employer real property	**1d(2)**	0	0
e	Buildings and other property used in plan operation	**1e**	0	0
f	Total assets (add all amounts in lines 1a through 1e)	**1f**	303807901	392065032
	Liabilities			
g	Benefit claims payable	**1g**	0	0
h	Operating payables	**1h**	0	0
i	Acquisition indebtedness	**1i**	0	0
j	Other liabilities	**1j**	0	0
k	Total liabilities (add all amounts in lines 1g through1j)	**1k**	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	**1l**	303807901	392065032

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		(a) Amount	(b) Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	**2a(1)(A)**	12018072	
	(B) Participants	**2a(1)(B)**	27407855	
	(C) Others (including rollovers)	**2a(1)(C)**	17891721	
	(2) Noncash contributions	**2a(2)**	0	
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	**2a(3)**		57317648
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	**2b(1)(A)**	93172	
	(B) U.S. Government securities	**2b(1)(B)**	0	
	(C) Corporate debt instruments	**2b(1)(C)**	0	
	(D) Loans (other than to participants)	**2b(1)(D)**	0	
	(E) Participant loans	**2b(1)(E)**	44153	
	(F) Other	**2b(1)(F)**	0	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	**2b(1)(G)**		137325
	(2) Dividends: **(A)** Preferred stock	**2b(2)(A)**	0	
	(B) Common stock	**2b(2)(B)**	0	
	(C) Registered investment company shares (e.g. mutual funds)	**2b(2)(C)**	11210444	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	**2b(2)(D)**		11210444
	(3) Rents	**2b(3)**		0
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	**2b(4)(A)**	0	
	(B) Aggregate carrying amount (see instructions)	**2b(4)(B)**	0	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	**2b(4)(C)**		0
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	**2b(5)(A)**	0	
	(B) Other	**2b(5)(B)**	0	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	**2b(5)(C)**		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		68198
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		47563506
c Other income	2c		25884
d Total income. Add all **income** amounts in column (b) and enter total	2d		116323005
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	28014590	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		28014590
f Corrective distributions (see instructions)	2f		15302
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	35982	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		35982
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		28065874
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		88257131
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: PRICEWATERHOUSE COOPERS **(2)** EIN: 13-4008324

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		10000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2017

This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
CITADEL LLC RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
CITADEL LLC

D Employer Identification Number (EIN)
36-4108019

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1**

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 04-6568107

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3**

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Citadel LLC Retirement Savings Plan

Financial Statements and Supplemental Schedule

December 31, 2017 and 2016

Citadel LLC
Retirement Savings Plan
Index
December 31, 2017 and 2016

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Financial Statements

Statements of Net Assets Available for Benefits
December 31, 2017 and 2016 3

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2017 4

Notes to Financial Statements
December 31, 2017 and 2016 5

Supplemental Schedule

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2017 12

Note: All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Report of Independent Auditors

To the Administrator of Citadel LLC Retirement Savings Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Citadel LLC Retirement Savings Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2017 and 2016 and the related statement of changes in net assets available for benefits for the year ended December 31, 2017, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on the financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Fidelity Management Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2017 and 2016 and for the year ended December 31, 2017, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on the financial statements.



Other Matter

The supplemental schedule of assets (held at end of year) as of December 31, 2017 is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

PricewaterhouseCoopers LLP

June 15, 2018

Citadel LLC
Retirement Savings Plan
Statements of Net Assets Available for Benefits
December 31, 2017 and 2016

Assets	2017	2016
Investments at fair value (Note 4)	$ 378,749,157	$ 292,831,018
Notes receivable from participants (Note 2)	1,297,803	1,360,646
Employer contributions receivable	12,018,072	9,616,237
Net assets available for benefits	$ 392,065,032	$ 303,807,901

The accompanying notes are an integral part of these financial statements.

Citadel LLC
Retirement Savings Plan
Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2017

		2017
Additions to net assets attributed to:		
Investment income:		
Net appreciation in fair value of investments	$	47,565,457
Interest and dividend income		11,369,863
Total investment income		58,935,320
Interest income from notes receivable from participants		44,153
Contributions:		
Employer		12,018,072
Participant (net of corrective distributions of $15,302)		27,407,855
Rollover		17,891,721
Total contributions		57,317,648
Other additions		25,884
Total additions		116,323,005
Deductions from net assets attributable to:		
Benefits paid to participants		28,029,892
Administrative expenses (Note 5)		35,982
Total deductions		28,065,874
Net increase in net assets available for benefits		88,257,131
Net assets available for benefits:		
Beginning of year		303,807,901
End of year	$	392,065,032

The accompanying notes are an integral part of these financial statements.

1. Description of Plan

The following description of the Citadel LLC Retirement Savings Plan (the "Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution savings plan established by Citadel LLC (the "Company" or "Plan Administrator") on January 1, 2000. The Citadel Retirement Committee is responsible for oversight of the Plan and determines the appropriateness of the Plan's investment offerings and monitors investment performance. Employees of the Company and certain employees of Griffin Family Services LLC, an affiliate of the Company, who have reached age 21, are eligible to become participants in the Plan.

Fidelity Management Trust Company (the "Trustee" or "Fidelity") serves as trustee of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

Contributions

Participants elect to make annual pretax, Roth, and/or after-tax contributions up to a maximum of 60% of their total eligible compensation as defined in the Plan agreement for the year ended December 31, 2017, subject to certain Internal Revenue Code (the "IRC") limitations. After-tax contributions are further limited to an annual maximum of 3.5% of total eligible compensation. Participants may also elect to roll over part or all of an eligible rollover distribution from an eligible retirement plan as defined in the Plan. Participants attaining the age of 50 before the end of the Plan year and who are making contributions to the Plan are eligible to make catch-up contributions. Participants are eligible for a discretionary matching contribution from the Company if they are employed as of the last day of the Plan year and have at least 1,000 hours of service during the Plan year. Discretionary contributions are a dollar for dollar match of a participant's contribution up to 4% of the participant's eligible compensation (subject to the IRS compensation limitations) and were made by the Company for the year ended December 31, 2017.

Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contribution, allocations of Company discretionary contributions and Plan earnings, and charged with any withdrawals by the participant. Allocations are based on participant earnings or account balances, as applicable, or as defined in the Plan agreement. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Investments

Participants direct the allocation of their accounts into investment options offered by the Plan which include registered investment funds, a collective trust, and a self-directed brokerage account with various registered investment fund investment options.

Notes Receivable from Participants

The Plan permits participants to borrow a minimum of $1,000 and a maximum of $50,000 reduced by the highest outstanding loan balance of the participant during the prior twelve month period or 50% of the relevant participant's vested account balance, whichever is less. Participants may only have one loan outstanding at any given time. Loans to purchase a principal residence are generally payable within ten years. All other loans are generally payable within five years. Loans are secured by the balance of the relevant participant's account and interest rates are determined by the Plan Administrator. Principal and interest is paid ratably through payroll deductions, but a loan may be repaid in lump sum at any time.

Vesting and Forfeitures
Participants are at all times fully vested in their own contributions and earnings thereon. Vesting in employer contributions and earnings thereon is based on the following vesting schedule for all participants**:**

Service	Vesting Percentage
Less than three years	0%
Three years or more	100%

Upon termination of employment with the Company or affiliates of the Company, a participant's nonvested portions of Company discretionary contributions and earnings thereon are forfeited the earlier of (a) after five consecutive one-year breaks in service or (b) the Plan year in which the participant receives a distribution of its entire vested balance. If a terminated participant is re-employed by the Company or an affiliated employer prior to five consecutive one-year breaks in service and (1) did not previously receive a distribution of their vested balance, or (2) received a distribution but repaid the full amount of the distribution to the Plan within five years of being re-employed, the nonvested balance in the participant's individual account prior to termination will be restored to the participant's account and the employee's post-break service will be included in determining the participant's vesting percentage in the pre-break nonvested balance.

Forfeited balances are used to pay select Plan administrative expenses (see Note 5) and to offset future Company contributions in accordance with the Plan's provisions. In the event that the Company utilizes forfeited balances that must subsequently be restored to a participant's account, the Company may be required to contribute the restored amount to the Plan in the year that the distribution repayment occurs. The Plan had $754,717 and $429,543 of forfeited nonvested balances available at December 31, 2017 and 2016, respectively. Available balances in the forfeiture account as of December 31, 2017 were utilized to reduce Company contributions in the amount of $754,717 for the year ended December 31, 2017.

Payment of Benefits
Upon retirement, disability, or termination of service, a participant may elect to receive a distribution of their vested account balance in cash, direct rollovers, or a combination of both, as applicable. A participant's beneficiary or beneficiaries may request a distribution of the participant's vested account balance in the event of the participant's death. Distributions are also permitted when an employee reaches age 59½. Also, upon retirement, participants may elect to defer distribution to a future date if their vested account balance is greater than $1,000, but after termination of employment, distributions must be made by the 1st of April following the year the participant reached age 70½. In addition, hardship distributions are permitted if certain criteria are met.

2. Summary of Significant Accounting Policies

Basis of Accounting
The accompanying financial statements of the Plan have been prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP").

Use of Estimates
The preparation of financial statements in conformity with GAAP requires the Plan's management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein, and disclosure of contingent assets and liabilities. Actual results may differ from those estimates.

Investment Valuation and Income Recognition
The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Refer to Note 4 for fair value measurements of Plan investments.

Net appreciation in the fair value of investments consists of gains and losses on investments bought and sold during the year as well as held during the year.

Management fees and operating expenses charged by the advisor of the registered investment funds are deducted from income earned by each registered investment fund on a daily basis and are not separately reflected. Consequently, management fees and operating expenses are reflected as a reduction of net appreciation or an increase in net depreciation in fair value of investments for such registered investment funds.

Interest income is recorded as earned on the accrual basis. Dividends are recorded on the ex-dividend date. Purchases and sales of securities are recorded on a trade-date basis.

Notes Receivable from Participants
Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2017 or 2016. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Other Additions
Other additions represent a revenue credit provided by Fidelity under a revenue sharing agreement to pay certain of the Plan's administrative expenses. Refer to Note 5 for further details.

Administrative Expenses
The Company pays certain of the Plan's administrative expenses, the remaining of which are borne by the Plan. Administrative expenses related to loans are paid by the applicable participant.

Payment of Benefits
Benefit payments are recorded when paid.

Corrective Distributions
Corrective distributions are treated as an offset to participant contributions on the Statement of Changes in Net Assets Available for Benefits.

Recent Accounting Pronouncements
In May 2015, the Financial Accounting Standards Board ("FASB") issued updated accounting guidance which removes the requirement to categorize within the fair value hierarchy all investments for which the fair value is measured using the net asset value per share (or its equivalent) as a practical expedient. The accounting update is effective for periods beginning after December 15, 2016 and early adoption is permitted. This update was adopted for the year ending December 31, 2017. Adoption did not materially affect the Plan's financial statement disclosures.

3. Information Certified by the Trustee

The investment assets of the Plan at December 31, 2017 and 2016 were held, and all transactions therein were executed, by the Trustee, under the terms of the trust agreement.

In accordance with the provisions of 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Trustee has certified as complete and accurate all investments and notes

receivable from participants information included in the accompanying financial statements and the Schedule H, Line 4i- Schedule of Assets (Held at End of Year). Information included in the accompanying financial statements and supplemental schedule relating to investments, notes receivable from participants, and the corresponding income was prepared by or derived from information prepared by the Trustee of the Plan, and furnished to the Company. The Company has obtained a certification from the Trustee as of December 31, 2017 and 2016, and for the year ended December 31, 2017 that such information is complete and accurate. Such information includes investments at fair value, notes receivable from participants, interest and dividend income, interest income from notes receivable from participants, and net appreciation in fair value of investments as shown on the accompanying statements of net assets available for benefits and statement of changes in net assets available for benefits, respectively.

4. Fair Value Measurements

The accounting guidance for fair value measurements and disclosures of financial instruments establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy are described below:

Level 1 Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;

Level 2 Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly; and

Level 3 Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

An investment's level within the fair value hierarchy is based on the lowest level of any input, individually or in the aggregate that is significant to the fair value measurement.

As of December 31, 2017 compared with December 31, 2016, Plan investments measured at fair value were as follows:

Description	Level 1	Level 2	Investments measured at NAV as a practical expedient	Total
Investments at fair value:				
Registered Investment Funds	$ 361,894,300	$ —	$ —	$ 361,894,300
Self-Directed Brokerage	12,214,873	—	—	12,214,873
Total investments in the fair value hierarchy	374,109,173	—	—	374,109,173
Collective Trust[1]	—	—	4,639,984	4,639,984
Total investments at fair value:	$ 374,109,173	$ —	$ 4,639,984	$ 378,749,157

(1) As of December 31, 2017 there were no unfunded commitments. The frequency and notice period of redemptions are not restricted.

Description	Level 1	Level 2	Investments measured at NAV as a practical expedient	Total
Investments at fair value:				
Registered Investment Funds	$ 276,225,765	$ —	$ —	$ 276,225,765
Self-Directed Brokerage	10,908,156	—	—	10,908,156
Total investments in the fair value hierarchy	287,133,921	—	—	287,133,921
Collective Trust[2]	—	—	5,697,097	5,697,097
Total investments at fair value:	$ 287,133,921	$ —	$ 5,697,097	$ 292,831,018

[2] As of December 31, 2016 there were no unfunded commitments. The frequency and notice period of redemptions are not restricted.

The following is a description of the valuation methodologies used for the investments measured at fair value, including the general classification of such instruments pursuant to the valuation hierarchy.

Registered Investment Funds
The shares of registered investment funds are valued at quoted market prices on an exchange in active markets or NAV as computed by the applicable fund company, which represent the net asset values of shares held by the Plan at year end, and are classified as Level 1 investments.

Collective Trust
The collective trust is valued at the NAV of the units of the collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the collective trust less its liabilities. It is the policy of the trust to use its best efforts to maintain a stable net asset value of $1.00 per unit. Neither the portfolio nor the trustee can guarantee that the unit value shall always remain at $1.00. This practical expedient is not used when it is determined to be probable the Plan will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment advisor reserves the right to temporarily delay withdrawal from the collective trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

5. Party-In-Interest Transactions

The collective trust and certain Plan investments, including shares of registered investment funds, are managed by the Trustee or its affiliates. Additionally, certain participants have loans outstanding to the Plan, and the Plan earns interest on outstanding loans from the participants. Transactions involving these investments and notes receivable from participants qualify as party-in-interest transactions.

Fees paid by the Plan for investment management services were paid indirectly through the investee registered investment funds and are included as a reduction of the return earned on each registered investment fund. Administrative expenses charged to the Plan for the year ended December 31, 2017 totaled $35,982 of which $2,766 was deducted from the Forfeiture Account and $25,884 was funded through a revenue credit provided to the Plan by Fidelity to reimburse the Plan for certain audit and legal fee expenses. This revenue credit was provided by Fidelity to the Plan to share revenue earned by Fidelity for investment management services. The administrative expenses

and the revenue credit provided by Fidelity have been presented on a gross basis in the accompanying statement of changes in net assets. These transactions qualify as party-in-interest transactions.

6. Tax Status

The Plan is a Volume Submitter Profit Sharing Plan with CODA sponsored by Fidelity Management and Research Co. and adopted by the Company. Fidelity Management and Research Co. received an opinion letter from the Internal Revenue Service (the "IRS"), dated March 31, 2014, which states that the standardized document on which the Plan is based satisfies the applicable provisions of the IRC. The Plan has not requested its own determination letter from the IRS. Although the Plan has been amended since receiving the opinion letter, the Company believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and the Plan continues to be tax-exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions by the Plan, and has concluded that as of December 31, 2017 and 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan is no longer subject to income tax examinations for years prior to 2014.

7. Plan Termination

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. Upon Plan termination, all participants would become fully vested in their account balances.

8. Risks and Uncertainties

The Plan invests in securities which are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term, and that such changes could materially affect participants' account balances and the amounts reported on the statements of net assets available for benefits.

9. Subsequent Events

Management has evaluated the events and transactions that have occurred through June 15, 2018, the date the financial statements were available to be issued.

Effective January 1, 2018, Citadel LLC changed its name to Citadel Enterprise Americas LLC ("CEAMER") and two new employment companies were formed: Citadel Americas LLC ("HFAMER") and Citadel Securities Americas LLC ("CSAMER"). All employees of HFAMER and CSAMER are eligible to become participants in CEAMER's Plan pursuant to certain eligibility requirements. The formation of HFAMER and CSAMER will not result in a new retirement savings plan or the eligibility of new employee groups to join the current Plan.

No other items requiring adjustment of the financial statements or additional disclosures were noted.

SUPPLEMENTAL SCHEDULE

Citadel LLC
Retirement Savings Plan
Schedule H, Line 4i — Schedule of Assets (Held at End of Year)
December 31, 2017

	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Current Value
	American Funds 2010	Registered Investment Company	**	$ 1,640,411
	American Funds 2015	Registered Investment Company	**	334,834
	American Funds 2020	Registered Investment Company	**	4,797,493
	American Funds 2025	Registered Investment Company	**	4,974,890
	American Funds 2030	Registered Investment Company	**	16,803,430
	American Funds 2035	Registered Investment Company	**	25,953,740
	American Funds 2040	Registered Investment Company	**	29,813,043
	American Funds 2045	Registered Investment Company	**	30,625,068
	American Funds 2050	Registered Investment Company	**	16,376,460
	American Funds 2055	Registered Investment Company	**	7,434,827
	Baron Asset Fund - Institutional Shares	Registered Investment Company	**	5,366,374
*	Fidelity 500 Index Fund	Registered Investment Company	**	57,033,675
*	Fidelity Capital & Income	Registered Investment Company	**	12,171,616
*	Fidelity Contrafund	Registered Investment Company	**	27,001,953
*	Fidelity Diversified International	Registered Investment Company	**	15,444,188
*	Fidelity Extended Market Index Fund	Registered Investment Company	**	9,448,992
*	Fidelity Government Money Market	Registered Investment Company	**	15,728,992
*	Fidelity Inflation Protection Bond	Registered Investment Company	**	3,994,734
*	Fidelity International Index Fund	Registered Investment Company	**	9,720,654
*	Fidelity International Small Cap	Registered Investment Company	**	9,125,819
*	Fidelity Managed Income Portfolio	Common Collective Trust	**	4,639,984
*	Fidelity Strategic Real Return	Registered Investment Company	**	587,526
*	Fidelity U.S. Bond Index Fund	Registered Investment Company	**	12,450,117
	First Eagle Global I	Registered Investment Company	**	2,140,397
	J H Enterprise Fund Class N	Registered Investment Company	**	1,675,813
	John Hancock Funds Disciplined Value Mid Cap	Registered Investment Company	**	6,277,353
	Loomis Sayles Core Pl Bd N	Registered Investment Company	**	7,029,159
	MFS Value	Registered Investment Company	**	6,327,309
	T. Rowe Price Real Estate Fund I	Registered Investment Company	**	2,453,391
	Wells Fargo Small Company Growth Fund	Registered Investment Company	**	9,285,591
	Wells Fargo Special Mid Cap Value	Registered Investment Company	**	7,767,144
	WFA Emerging Markets Equity R6	Registered Investment Company	**	2,109,307
*	Self Directed Brokerage Account	Various Registered Investment Companies	**	12,214,873
*	Notes receivable from participants	Loans to Participants (maturities range from 2018 through 2027, interest rates range from 3.25% to 7.25%).		1,297,803
				$ 380,046,960

* Represents a permitted party-in-interest.
** Cost information is not required for participant-directed investments and therefore, is not included.

The information in this schedule has been certified as to its completeness and accuracy by Fidelity Management Trust Company.

Citadel LLC Retirement Savings Plan

Financial Statements and Supplemental Schedule

December 31, 2017 and 2016

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Note: All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Report of Independent Auditors

To the Administrator of Citadel LLC Retirement Savings Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Citadel LLC Retirement Savings Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2017 and 2016 and the related statement of changes in net assets available for benefits for the year ended December 31, 2017, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on the financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Fidelity Management Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2017 and 2016 and for the year ended December 31, 2017, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on the financial statements.



Other Matter

The supplemental schedule of assets (held at end of year) as of December 31, 2017 is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

PricewaterhouseCoopers LLP

June 15, 2018

Citadel LLC
Retirement Savings Plan
Statements of Net Assets Available for Benefits
December 31, 2017 and 2016

Assets	2017	2016
Investments at fair value (Note 4)	$ 378,749,157	$ 292,831,018
Notes receivable from participants (Note 2)	1,297,803	1,360,646
Employer contributions receivable	12,018,072	9,616,237
Net assets available for benefits	$ 392,065,032	$ 303,807,901

The accompanying notes are an integral part of these financial statements.

Citadel LLC
Retirement Savings Plan
Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2017

		2017
Additions to net assets attributed to:		
Investment income:		
Net appreciation in fair value of investments	$	47,565,457
Interest and dividend income		11,369,863
Total investment income		58,935,320
Interest income from notes receivable from participants		44,153
Contributions:		
Employer		12,018,072
Participant (net of corrective distributions of $15,302)		27,407,855
Rollover		17,891,721
Total contributions		57,317,648
Other additions		25,884
Total additions		116,323,005
Deductions from net assets attributable to:		
Benefits paid to participants		28,029,892
Administrative expenses (Note 5)		35,982
Total deductions		28,065,874
Net increase in net assets available for benefits		88,257,131
Net assets available for benefits:		
Beginning of year		303,807,901
End of year	$	392,065,032

The accompanying notes are an integral part of these financial statements.

1. Description of Plan

The following description of the Citadel LLC Retirement Savings Plan (the "Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution savings plan established by Citadel LLC (the "Company" or "Plan Administrator") on January 1, 2000. The Citadel Retirement Committee is responsible for oversight of the Plan and determines the appropriateness of the Plan's investment offerings and monitors investment performance. Employees of the Company and certain employees of Griffin Family Services LLC, an affiliate of the Company, who have reached age 21, are eligible to become participants in the Plan.

Fidelity Management Trust Company (the "Trustee" or "Fidelity") serves as trustee of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

Contributions

Participants elect to make annual pretax, Roth, and/or after-tax contributions up to a maximum of 60% of their total eligible compensation as defined in the Plan agreement for the year ended December 31, 2017, subject to certain Internal Revenue Code (the "IRC") limitations. After-tax contributions are further limited to an annual maximum of 3.5% of total eligible compensation. Participants may also elect to roll over part or all of an eligible rollover distribution from an eligible retirement plan as defined in the Plan. Participants attaining the age of 50 before the end of the Plan year and who are making contributions to the Plan are eligible to make catch-up contributions. Participants are eligible for a discretionary matching contribution from the Company if they are employed as of the last day of the Plan year and have at least 1,000 hours of service during the Plan year. Discretionary contributions are a dollar for dollar match of a participant's contribution up to 4% of the participant's eligible compensation (subject to the IRS compensation limitations) and were made by the Company for the year ended December 31, 2017.

Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contribution, allocations of Company discretionary contributions and Plan earnings, and charged with any withdrawals by the participant. Allocations are based on participant earnings or account balances, as applicable, or as defined in the Plan agreement. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Investments

Participants direct the allocation of their accounts into investment options offered by the Plan which include registered investment funds, a collective trust, and a self-directed brokerage account with various registered investment fund investment options.

Notes Receivable from Participants

The Plan permits participants to borrow a minimum of $1,000 and a maximum of $50,000 reduced by the highest outstanding loan balance of the participant during the prior twelve month period or 50% of the relevant participant's vested account balance, whichever is less. Participants may only have one loan outstanding at any given time. Loans to purchase a principal residence are generally payable within ten years. All other loans are generally payable within five years. Loans are secured by the balance of the relevant participant's account and interest rates are determined by the Plan Administrator. Principal and interest is paid ratably through payroll deductions, but a loan may be repaid in lump sum at any time.

Vesting and Forfeitures
Participants are at all times fully vested in their own contributions and earnings thereon. Vesting in employer contributions and earnings thereon is based on the following vesting schedule for all participants**:**

Service	Vesting Percentage
Less than three years	0%
Three years or more	100%

Upon termination of employment with the Company or affiliates of the Company, a participant's nonvested portions of Company discretionary contributions and earnings thereon are forfeited the earlier of (a) after five consecutive one-year breaks in service or (b) the Plan year in which the participant receives a distribution of its entire vested balance. If a terminated participant is re-employed by the Company or an affiliated employer prior to five consecutive one-year breaks in service and (1) did not previously receive a distribution of their vested balance, or (2) received a distribution but repaid the full amount of the distribution to the Plan within five years of being re-employed, the nonvested balance in the participant's individual account prior to termination will be restored to the participant's account and the employee's post-break service will be included in determining the participant's vesting percentage in the pre-break nonvested balance.

Forfeited balances are used to pay select Plan administrative expenses (see Note 5) and to offset future Company contributions in accordance with the Plan's provisions. In the event that the Company utilizes forfeited balances that must subsequently be restored to a participant's account, the Company may be required to contribute the restored amount to the Plan in the year that the distribution repayment occurs. The Plan had $754,717 and $429,543 of forfeited nonvested balances available at December 31, 2017 and 2016, respectively. Available balances in the forfeiture account as of December 31, 2017 were utilized to reduce Company contributions in the amount of $754,717 for the year ended December 31, 2017.

Payment of Benefits
Upon retirement, disability, or termination of service, a participant may elect to receive a distribution of their vested account balance in cash, direct rollovers, or a combination of both, as applicable. A participant's beneficiary or beneficiaries may request a distribution of the participant's vested account balance in the event of the participant's death. Distributions are also permitted when an employee reaches age 59½. Also, upon retirement, participants may elect to defer distribution to a future date if their vested account balance is greater than $1,000, but after termination of employment, distributions must be made by the 1st of April following the year the participant reached age 70½. In addition, hardship distributions are permitted if certain criteria are met.

2. Summary of Significant Accounting Policies

Basis of Accounting
The accompanying financial statements of the Plan have been prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP").

Use of Estimates
The preparation of financial statements in conformity with GAAP requires the Plan's management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein, and disclosure of contingent assets and liabilities. Actual results may differ from those estimates.

Investment Valuation and Income Recognition
The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Refer to Note 4 for fair value measurements of Plan investments.

Net appreciation in the fair value of investments consists of gains and losses on investments bought and sold during the year as well as held during the year.

Management fees and operating expenses charged by the advisor of the registered investment funds are deducted from income earned by each registered investment fund on a daily basis and are not separately reflected. Consequently, management fees and operating expenses are reflected as a reduction of net appreciation or an increase in net depreciation in fair value of investments for such registered investment funds.

Interest income is recorded as earned on the accrual basis. Dividends are recorded on the ex-dividend date. Purchases and sales of securities are recorded on a trade-date basis.

Notes Receivable from Participants
Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2017 or 2016. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Other Additions
Other additions represent a revenue credit provided by Fidelity under a revenue sharing agreement to pay certain of the Plan's administrative expenses. Refer to Note 5 for further details.

Administrative Expenses
The Company pays certain of the Plan's administrative expenses, the remaining of which are borne by the Plan. Administrative expenses related to loans are paid by the applicable participant.

Payment of Benefits
Benefit payments are recorded when paid.

Corrective Distributions
Corrective distributions are treated as an offset to participant contributions on the Statement of Changes in Net Assets Available for Benefits.

Recent Accounting Pronouncements
In May 2015, the Financial Accounting Standards Board ("FASB") issued updated accounting guidance which removes the requirement to categorize within the fair value hierarchy all investments for which the fair value is measured using the net asset value per share (or its equivalent) as a practical expedient. The accounting update is effective for periods beginning after December 15, 2016 and early adoption is permitted. This update was adopted for the year ending December 31, 2017. Adoption did not materially affect the Plan's financial statement disclosures.

3. Information Certified by the Trustee

The investment assets of the Plan at December 31, 2017 and 2016 were held, and all transactions therein were executed, by the Trustee, under the terms of the trust agreement.

In accordance with the provisions of 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Trustee has certified as complete and accurate all investments and notes

receivable from participants information included in the accompanying financial statements and the Schedule H, Line 4i- Schedule of Assets (Held at End of Year). Information included in the accompanying financial statements and supplemental schedule relating to investments, notes receivable from participants, and the corresponding income was prepared by or derived from information prepared by the Trustee of the Plan, and furnished to the Company. The Company has obtained a certification from the Trustee as of December 31, 2017 and 2016, and for the year ended December 31, 2017 that such information is complete and accurate. Such information includes investments at fair value, notes receivable from participants, interest and dividend income, interest income from notes receivable from participants, and net appreciation in fair value of investments as shown on the accompanying statements of net assets available for benefits and statement of changes in net assets available for benefits, respectively.

4. Fair Value Measurements

The accounting guidance for fair value measurements and disclosures of financial instruments establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy are described below:

Level 1 Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;

Level 2 Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly; and

Level 3 Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

An investment's level within the fair value hierarchy is based on the lowest level of any input, individually or in the aggregate that is significant to the fair value measurement.

As of December 31, 2017 compared with December 31, 2016, Plan investments measured at fair value were as follows:

Description	Level 1	Level 2	Investments measured at NAV as a practical expedient	Total
Investments at fair value:				
Registered Investment Funds	$ 361,894,300	$ —	$ —	$ 361,894,300
Self-Directed Brokerage	12,214,873	—	—	12,214,873
Total investments in the fair value hierarchy	374,109,173	—	—	374,109,173
Collective Trust[1]	—	—	4,639,984	4,639,984
Total investments at fair value:	$ 374,109,173	$ —	$ 4,639,984	$ 378,749,157

(1) As of December 31, 2017 there were no unfunded commitments. The frequency and notice period of redemptions are not restricted.

Description	Level 1	Level 2	Investments measured at NAV as a practical expedient	Total
Investments at fair value:				
Registered Investment Funds	$ 276,225,765	$ —	$ —	$ 276,225,765
Self-Directed Brokerage	10,908,156	—	—	10,908,156
Total investments in the fair value hierarchy	287,133,921	—	—	287,133,921
Collective Trust[2]	—	—	5,697,097	5,697,097
Total investments at fair value:	$ 287,133,921	$ —	$ 5,697,097	$ 292,831,018

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The following is a description of the valuation methodologies used for the investments measured at fair value, including the general classification of such instruments pursuant to the valuation hierarchy.

Registered Investment Funds
The shares of registered investment funds are valued at quoted market prices on an exchange in active markets or NAV as computed by the applicable fund company, which represent the net asset values of shares held by the Plan at year end, and are classified as Level 1 investments.

Collective Trust
The collective trust is valued at the NAV of the units of the collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the collective trust less its liabilities. It is the policy of the trust to use its best efforts to maintain a stable net asset value of $1.00 per unit. Neither the portfolio nor the trustee can guarantee that the unit value shall always remain at $1.00. This practical expedient is not used when it is determined to be probable the Plan will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment advisor reserves the right to temporarily delay withdrawal from the collective trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

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Fees paid by the Plan for investment management services were paid indirectly through the investee registered investment funds and are included as a reduction of the return earned on each registered investment fund. Administrative expenses charged to the Plan for the year ended December 31, 2017 totaled $35,982 of which $2,766 was deducted from the Forfeiture Account and $25,884 was funded through a revenue credit provided to the Plan by Fidelity to reimburse the Plan for certain audit and legal fee expenses. This revenue credit was provided by Fidelity to the Plan to share revenue earned by Fidelity for investment management services. The administrative expenses

and the revenue credit provided by Fidelity have been presented on a gross basis in the accompanying statement of changes in net assets. These transactions qualify as party-in-interest transactions.

6. Tax Status

The Plan is a Volume Submitter Profit Sharing Plan with CODA sponsored by Fidelity Management and Research Co. and adopted by the Company. Fidelity Management and Research Co. received an opinion letter from the Internal Revenue Service (the "IRS"), dated March 31, 2014, which states that the standardized document on which the Plan is based satisfies the applicable provisions of the IRC. The Plan has not requested its own determination letter from the IRS. Although the Plan has been amended since receiving the opinion letter, the Company believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and the Plan continues to be tax-exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions by the Plan, and has concluded that as of December 31, 2017 and 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan is no longer subject to income tax examinations for years prior to 2014.

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Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. Upon Plan termination, all participants would become fully vested in their account balances.

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The Plan invests in securities which are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term, and that such changes could materially affect participants' account balances and the amounts reported on the statements of net assets available for benefits.

9. Subsequent Events

Management has evaluated the events and transactions that have occurred through June 15, 2018, the date the financial statements were available to be issued.

Effective January 1, 2018, Citadel LLC changed its name to Citadel Enterprise Americas LLC ("CEAMER") and two new employment companies were formed: Citadel Americas LLC ("HFAMER") and Citadel Securities Americas LLC ("CSAMER"). All employees of HFAMER and CSAMER are eligible to become participants in CEAMER's Plan pursuant to certain eligibility requirements. The formation of HFAMER and CSAMER will not result in a new retirement savings plan or the eligibility of new employee groups to join the current Plan.

No other items requiring adjustment of the financial statements or additional disclosures were noted.

SUPPLEMENTAL SCHEDULE

Citadel LLC
Retirement Savings Plan
Schedule H, Line 4i — Schedule of Assets (Held at End of Year)
December 31, 2017

	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Current Value
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*	Fidelity Contrafund	Registered Investment Company	**	27,001,953
*	Fidelity Diversified International	Registered Investment Company	**	15,444,188
*	Fidelity Extended Market Index Fund	Registered Investment Company	**	9,448,992
*	Fidelity Government Money Market	Registered Investment Company	**	15,728,992
*	Fidelity Inflation Protection Bond	Registered Investment Company	**	3,994,734
*	Fidelity International Index Fund	Registered Investment Company	**	9,720,654
*	Fidelity International Small Cap	Registered Investment Company	**	9,125,819
*	Fidelity Managed Income Portfolio	Common Collective Trust	**	4,639,984
*	Fidelity Strategic Real Return	Registered Investment Company	**	587,526
*	Fidelity U.S. Bond Index Fund	Registered Investment Company	**	12,450,117
	First Eagle Global I	Registered Investment Company	**	2,140,397
	J H Enterprise Fund Class N	Registered Investment Company	**	1,675,813
	John Hancock Funds Disciplined Value Mid Cap	Registered Investment Company	**	6,277,353
	Loomis Sayles Core Pl Bd N	Registered Investment Company	**	7,029,159
	MFS Value	Registered Investment Company	**	6,327,309
	T. Rowe Price Real Estate Fund I	Registered Investment Company	**	2,453,391
	Wells Fargo Small Company Growth Fund	Registered Investment Company	**	9,285,591
	Wells Fargo Special Mid Cap Value	Registered Investment Company	**	7,767,144
	WFA Emerging Markets Equity R6	Registered Investment Company	**	2,109,307
*	Self Directed Brokerage Account	Various Registered Investment Companies	**	12,214,873
*	Notes receivable from participants	Loans to Participants (maturities range from 2018 through 2027, interest rates range from 3.25% to 7.25%).		1,297,803
				$ 380,046,960

* Represents a permitted party-in-interest.
** Cost information is not required for participant-directed investments and therefore, is not included.

The information in this schedule has been certified as to its completeness and accuracy by Fidelity Management Trust Company.