

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
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.)
	☒ 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:	☐ Form 5558 ☐ automatic extension ☐ the DFVC program
	☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information—enter all requested information	
1a Name of plan	DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN	
	1b Three-digit plan number (PN) ▶	001
	1c Effective date of plan	06/28/2016
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)	2b Employer Identification Number (EIN)	36-4388576
DEUTSCHE BOERSE SYSTEMS, INC.	2c Plan Sponsor's telephone number	312-885-3130
233 SOUTH WACKER DRIVE SUITE 2455 CHICAGO, IL 60606	2d Business code (see instructions)	541512

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.	07/27/2023	ASHISH KAPOOR
	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

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ 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		5 179
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) 114
a(2) Total number of active participants at the end of the plan year		6a(2) 104
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 79
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 183
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 0
f Total. Add lines 6d and 6e		6f 183
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 179
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 5
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 2S 2T 3D 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) ☒ 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) ☒ 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) ☒ 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) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ 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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider 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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 DEUTSCHE BOERSE SYSTEMS, INC.	D Employer Identification Number (EIN) 36-4388576

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).. ☒ 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	
ALLIANCEBERNSTEIN L.P.	
13-4064930	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
ALLIANZ GLOBAL INVESTORS DISTRIBUTO	1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
ALPS DISTRIBUTORS, INC.	1290 BROADWAY SUITE 1100 DENVER, CO 80203

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
AMERICAN FUNDS DISTRIBUTORS, INC.	
95-2769620	

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

DIMENSIONAL FUND ADVISORS

6300 BEE CAVE ROAD
BUILDING ONE
AUSTIN, TX 78746

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

J.P. MORGAN INVESTMENT MANAGEMENT

13-3200244

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

JANUS DISTRIBUTORS, LLC

151 DETROIT STREET
DENVER, CO 80206

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

VANGUARD

455 DEVON PARK DRIVE
WAYNE, PA 19087

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

VICTORY CAPITAL MANAGEMENT

13-2700161

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

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

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

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)

EMBREE FINANCIAL GROUP

36-3983748

(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?
15 21 49 50 64 99	INVESTMENT/FINANCIAL ADVI	38856	Yes ☐ No ☒	Yes ☐ No ☒	0	Yes ☐ No ☒

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

ADP, INC.

13-3036745

(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 50 15 64 21 49 99	RECORD KEEPER	1075	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

TD AMERITRADE, INC.

82-0543156

(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?
33 63	SECURITIES BROKER	0	Yes ☒ No ☐	Yes ☐ No ☒	0	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
TD AMERITRADE, INC.	63	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.	
BLACKROCK FUNDS V 04-6171663	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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.	
FIDELITY ADVISOR SERIES II 04-3022712	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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.	
FIDELITY CONCORD STREET TRUST 04-3365630	RANGE FROM 0-100 BPS	

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
TD AMERITRADE, INC.	63	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.	
FIDELITY CONTRAFUND 04-6056833	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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.	
FIDELITY PURITAN TRUST 04-6026952	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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.	
FIDELITY SELECT PORTFOLIOS 04-2732797	RANGE FROM 0-100 BPS	

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
TD AMERITRADE, INC.	63	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 INVESTMENT FUND 84-0592523	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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 36-3145972	RANGE FROM 0-100 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
TD AMERITRADE, INC.	63	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 HEALTH SCIENCES FUND I 52-1952906	RANGE FROM 0-100 BPS	

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
TD AMERITRADE, INC.	63	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.	
UNAVAILABLE UNAVAILABLE UNAVAILABLE, CA 91367	INCOME FROM MARKET PER QUALIFIED TRADE, BPS ON SWE EP FUNDS, AND MUTUAL FUND FEES DISCLOSED IN TD AME RITRADES 408B2	
(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 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 DEUTSCHE BOERSE SYSTEMS, INC.	D Employer Identification Number (EIN) 36-4388576	

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)
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a Name of MTIA, CCT, PSA, or 103-12 IE: METLIFE STABLE VALUE J		
b Name of sponsor of entity listed in (a): WILMINGTON TRUST RISC CIT		
c EIN-PN 26-0142858-094	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1322847
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)**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

<b style="font-size: 1.2em;">SCHEDULE H <b style="font-size: 1.1em;">(Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	<b style="font-size: 1.2em;">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 <b style="font-size: 1.5em;">2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 DEUTSCHE BOERSE SYSTEMS, INC.	D Employer Identification Number (EIN) 36-4388576	

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		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	17063	23547
(9) Value of interest in common/collective trusts.....	1c(9)	1045549	1322847
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	18400807	14811851
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)	1622103	1451087

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	21085522	17609332

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	21085522	17609332
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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)	681026	
(B) Participants	2a(1)(B)	1231117	
(C) Others (including rollovers)	2a(1)(C)	151078	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2063221
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	3049	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		3049
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	547784	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		547784
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(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)		
(B) Other	2b(5)(B)		
(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)		21245
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-3625267
c Other income	2c		-205136
d Total income. Add all income amounts in column (b) and enter total	2d		-1195104
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2237619	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		2237619
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		3536
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	39931	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		39931
j Total expenses. Add all expense amounts in column (b) and enter total	2j		2281086
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-3476190
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

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) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: J.S. RICHTER

(2) EIN: 36-3007301

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:

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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	
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?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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.)	X		
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			

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 Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 DEUTSCHE BOERSE SYSTEMS, INC.		D Employer Identification Number (EIN) 36-4388576
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 0
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): 57-1198022		
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		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	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
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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): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Independent Auditor's Report and
Financial Statements

Years ended December 31, 2022 and 2021

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Independent Auditor's Report and
Financial Statements

Years ended December 31, 2022 and 2021

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Independent Auditor's Report

Trustees
Deutsche Boerse Systems, Inc.
401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of Deutsche Boerse Systems, Inc. 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statements of net assets available for plan benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for plan benefits for the years ended December 31, 2022 and 2021, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Deutsche Boerse Systems, Inc. 401 (k) Plan financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021 and for the years then ended, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section—

- the amounts and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Deutsche Boerse Systems, Inc. 401(k) Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management 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, and for 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Deutsche Boerse Systems, Inc. 401(k) Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgement made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgement and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Deutsche Boerse Systems, Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgement, there are conditions or events, considered in the aggregate, that raise substantial doubt about Deutsche Boerse Systems, Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedule Required by ERISA

The supplemental schedule of assets held for investment purposes at End of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

js Richter, Ltd

Chicago, Illinois
July 24, 2023

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Statements of Net Assets Available for Plan Benefits

December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments at fair value		
Mutual funds (Notes 4 and 5)	\$ 14,811,851	\$ 18,400,807
Self directed brokerage accounts (Notes 4 and 5)	1,451,087	1,622,103
Investments at contract value		
Short-term securities (Notes 4 and 5)	<u>1,322,847</u>	<u>1,045,549</u>
 Total investments	 <u>17,585,785</u>	 <u>21,068,459</u>
 Employee's contribution	 19,194	 -
Employer match receivable	688,784	681,026
Employee notes receivable	<u>23,547</u>	<u>17,063</u>
	<u>731,525</u>	<u>698,089</u>
 Total assets	 <u>18,317,310</u>	 <u>21,766,548</u>
Liabilities		
Accrued expenses - ineligible contributions (Note 2)	<u>845</u>	<u>-</u>
 Net assets available for plan benefits	 <u>\$ 18,316,465</u>	 <u>\$ 21,766,548</u>

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

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Statements of Changes in Net Assets Available for Plan Benefits

Years ended December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Additions and subtractions to net assets attributed to		
Investment income		
Interest and dividends	\$ 565,137	\$ 511,134
Interest income - notes receivable	906	1,202
Net (depreciation) appreciation in fair values of investments	<u>(3,826,573)</u>	<u>1,956,671</u>
	<u>(3,260,530)</u>	<u>2,469,007</u>
Contributions		
Employer	688,784	660,920
Employees	<u>1,249,466</u>	<u>1,232,236</u>
	<u>1,938,250</u>	<u>1,893,156</u>
Rollovers	<u>151,078</u>	<u>3,094</u>
Total additions	<u>(1,171,202)</u>	<u>4,365,257</u>
Benefits paid to participants	(2,239,011)	(2,446,508)
Administrative expenses	<u>(39,870)</u>	<u>(47,725)</u>
Total subtractions	<u>(2,278,881)</u>	<u>(2,494,233)</u>
Net (decrease) increase	(3,450,083)	1,871,024
Net assets available for plan benefits		
Beginning of years	<u>21,766,548</u>	<u>19,895,524</u>
End of years	<u>\$ 18,316,465</u>	<u>\$ 21,766,548</u>

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

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 1 – DESCRIPTION OF PLAN

The following description of the Deutsche Boerse Systems, Inc. (the “Company”) 401(k) 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 plan covering all employees of the Company. All employees are eligible to make contributions to the salary reduction program once they complete three months of service and have attained the age of 21. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA) and the applicable provisions of other legislation related to employee benefit plans.

Employer Contributions

The Company contributions to the Plan are discretionary. The matching contribution was 100% of employee salary deferrals not to exceed 6% of compensation. The Company makes matching discretionary contributions at end of plan years to all employees who are active participants at end of the year.

Participant Accounts and Allocations

Each participant’s account is credited or charged with an allocation of (a) the participant’s voluntary salary reduction contribution, (b) the Company’s contribution, and (c) Plan earnings.

Allocations are based on participant earnings, years of service and account balances, as defined in the Plan.

Salary Reduction Contribution

A participant may elect to defer up to a portion of his/her compensation, subject to limitations under Section 401(k) of the Internal Revenue Service Code.

A participant may withdraw an amount up to his/her salary contribution, excluding income earned thereon, for reasons of extreme hardship, as defined in the Plan. In addition, a participant can elect to make early distributions from the Plan upon attaining the age of 59 ½.

Forfeitures

Forfeitures may be used to pay plan expenses or reduce amounts otherwise required to be contributed to the Plan. For the years ended December 31, 2022 and 2021, forfeited non-vested accounts totaled \$19,284 and \$16,353, respectively. In 2022 and 2021, \$0 and \$18,952, respectively, were used to offset the Plan sponsor’s matching contribution.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 1 – DESCRIPTION OF PLAN (Continued)

Vesting

Participants are immediately vested in their voluntary contributions plus actual earnings thereon. Participants vest in their profit sharing accounts and their discretionary matching accounts based on years of service as defined in the Plan. A participant is fully vested after three years of service. Breaks in service may be subject to a five-year ‘Break in Service’ rule. Employees who attain normal retirement age while still being employed will become 100% vested. Upon termination of service, because of disability or death of the participant, the account balance becomes fully vested. Such an account balance shall be paid as soon as administratively feasible following the date the participant becomes disabled. If a termination of service occurs for reasons other than death or disability, payment of vested benefits shall be made as soon as administratively possible following the participant’s employment termination date. On retirement, the participant will receive the entire vested account balance as a lump sum.

Notes Receivable from Participants

Participants may borrow a minimum of \$1,000 from their fund accounts up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years or a longer term if loan proceeds are used for the purchase of a primary residence. The loans are secured by the balance of the participants and bear interest at a fixed rate (Prime plus 1%) determined at the time of the loan. Principal and accrued interest are repaid ratably through payroll deductions or directly to the custodian by the participant.

Administrative Expenses

The Plan’s recordkeeping and custodian fees are paid by the Plan and are reflected in the financial statements as administrative expenses of the Plan. Investment management fees, if any, are charged to the Plan as a reduction of investment return and are included in the investment income or loss reported by the Plan. All other expenses of the Plan are paid by the Company.

CARES Act

On March 27, 2020, the CARES Act was signed into law in response to COVID-19, allowing participants impacted by the coronavirus to have greater access to their savings. Qualified individuals were permitted to take a distribution up to \$100,000 without imposition of the 10% early distribution and this distribution was not subject to the 20% tax withholding rate. Additionally, individuals taking this withdrawal had the option to have the withdrawal income taxed over three years with the ability to re contribute within three years. Any such distributions are shown as benefits paid to participants; repayment will be shown as rollovers into the Plan. These provisions were effective until December 31, 2021.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on an accrual basis of accounting.

Common collective trusts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined contribution plan attributable to common collective trusts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The statement of net assets available for plan benefits presents the contract value of the common collective trusts as a practical expedient for fair value as permitted by ASU 2015-12. The statement of changes in net assets available for plan benefits is prepared on a contract value basis.

Investment Valuation and Income Recognition

The investment assets of the Plan 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.

See Note 5 for discussion of fair value measurements.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent loans are reclassified as distributions based on the terms of the Plan document.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires the plan administrator to make estimates and assumptions, if any, that affect certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

Ineligible Contributions Payable

Amounts payable to participants for deferrals made before they became eligible are recorded as a liability with a corresponding reduction to contributions. The Plan has recorded a payable of \$845 for such deferrals not distributed to applicable participants prior to December 31, 2022.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Payment of Benefits

Benefit payments are recorded when paid.

Subsequent Events

For the period ended December 31, 2022, the Company has evaluated subsequent events for potential recognition and disclosure through July 24, 2023, the date when the financial statements were available to be issued.

NOTE 3 – INVESTMENTS

Reliance Trust Company, d/b/a ADP Retirement Services, the custodians and recordkeeper of the Plan, holds investment assets and executes transactions. The investments consist of various funds listed at fair value under assets in Exhibit A. Each participant elects to have his/her voluntary contribution and the profit sharing contribution invested in any of the funds. A participant's fund selection can be changed on a daily basis.

The Plan's investments in mutual funds (including gains and losses on investments bought and sold, as well as held, during the years) depreciated \$3,604,023 in value in 2022 and appreciated \$1,958,584 in value in 2021.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 4 – INFORMATION PREPARED AND CERTIFIED BY TRUSTEE AND RECORDKEEPER

The following information included in the accompanying financial statements and supplemental schedule was obtained from data that has been prepared and certified as complete and accurate by the trustee and recordkeeper as of December 31, 2022 and 2021.

2022		2021	
Mutual Funds		Mutual Funds	
Vanguard Target Retirement 2060	\$ 269,856	Vanguard Target Retirement 2060	\$ 219,681
AB Large Cap Growth	161,019	AB Large Cap Growth	277,550
Vanguard Target Retirement	8,284	Vanguard Target Retirement	7,793
Janus Henderson Triton Fund	95,205	Janus Henderson Triton Fund	74,030
JP Morgan Emerging Markets	70,536	JP Morgan Emerging Markets	84,243
Vanguard Target Retirement 2040	1,833,010	Vanguard Target Retirement 2040	2,190,909
Vanguard Balance Index	89,801	Vanguard Balance Index	162,402
Vanguard Target Retirement 2045	1,625,185	Vanguard Target Retirement 2045	2,060,088
Vanguard International Growth	188,178	Vanguard International Growth	191,488
DFA One Year Fixed	166,308	DFA One Year Fixed	265,635
Amerfunds Small Cap World	87,673	Amerfunds Small Cap World	228,816
Vanguard Real Estate Index	93,607	Vanguard I Target Retirement 2015	169,563
Vanguard St Inpro	158,510	Vanguard Real Estate Index	249,862
Victory Established Value	83,889	Vanguard St Inpro	130,859
Vanguard Target Retirement 2035	3,236,215	Victory Established Value	54,299
PIMCO International Bond	18,208	Vanguard Target Retirement 2035	4,517,592
Vanguard Target Retirement 2050	672,011	PIMCO International Bond	33,451
Vanguard Mid Cap Index	458,021	Vanguard Target Retirement 2050	670,034
JP Morgan Equity Income Fund	423,159	Vanguard Mid Cap Index	537,524
Vanguard Target Retirement 2065	37,397	JP Morgan Equity Income Fund	453,773
Vanguard Target Retirement 2030	1,958,668	Vanguard Target Retirement 2065	84,838
Vanguard Target Retirement 2055	640,860	Vanguard Target Retirement 2030	2,030,244
Vanguard Target Retirement 2025	316,098	Vanguard Target Retirement 2055	591,831
Vanguard I Target Retirement 2020	182,777	Vanguard Target Retirement 2025	467,133
JP Morgan Core Plus Bond Fund	52,039	Vanguard I Target Retirement 2020	736,733
DFA US Small Cap Portfolio	296,052	JP Morgan Core Plus Bond Fund	120,238
Vanguard 500 Index Fund	1,589,285	DFA US Small Cap Portfolio	348,915
Total mutual funds	<u>\$ 14,811,851</u>	Vanguard 500 Index Fund	1,441,283
		Total mutual funds	<u>\$ 18,400,807</u>

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 4 – INFORMATION PREPARED AND CERTIFIED BY TRUSTEE AND RECORDKEEPER (Continued)

2022		2021	
Participant Loans	\$ 23,547	Participant Loans	\$ 17,063
Self Directed Brokerage Account	\$ 1,451,087	Self Directed Brokerage Account	\$ 1,622,103
Common Collective Trusts		Common Collective Trusts	
Metlife Stable Value Fund	\$ 1,322,847	Metlife Stable Value Fund	\$ 1,045,549
Investment Earnings		Investment Earnings	
Mutual Funds	\$ (3,604,023)	Mutual Funds	\$ 1,958,584
Self directed brokerage accounts	(205,197)	Self directed brokerage accounts	34,294
Interest on participant loans	906	Interest on participant loans	1,202
Interest and dividends	547,784	Interest and dividends	474,927
Total investment losses	<u>\$ (3,260,530)</u>	Total investment earnings	<u>\$ 2,469,007</u>

NOTE 5 – FAIR VALUE MEASUREMENTS

The framework for measuring fair value provides a 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 under ASC 820 are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs to valuation methodology include: inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly or indirectly, such as inputs that are derived principally from or corroborated by observable market data by correlation or other means. If an asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 5 – FAIR VALUE MEASUREMENTS (Continued)

The following is a description of the valuation methodologies used for assets measured at fair value:

Short-term securities consist of a mutual fund holding US Government securities and high quality money market instruments. The funds are valued at net asset values (NAV) of the shares held by the Plan at the year end.

Mutual funds: The fair values of mutual funds are determined by obtaining the net asset value (NAV) of shares held by the Plan at the year end.

Stable value fund: A stable value fund is composed primarily of fully benefit-responsive investment contracts, designed for the stability of principal, that are valued at the net asset value of units of the collective trust. The net asset value is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. There are certain circumstances in which a withdrawal from the fund would be redeemed at fair value rather than contract value. These circumstances may include market value events that occur that are outside of the normal operation of the fund. These circumstances may also include employer initiated events as follows: fund administration changes, merger or consolidation of investors, group terminations or layoffs, implementation of an early retirement program, termination or partial termination of the fund, failure to meet certain tax qualifications, participant communication that is designed to influence participants not to invest in the fund, transfers to competing options without meeting the equity wash provisions of the fund, and plan sponsor withdrawals without the appropriate notice to the fund and/or issuer.

Stable value fund: The fair value of participation in the stable value collective trust is based on the net asset values of such fund, after adjustments, to reflect all fund investments at fair value, including direct and indirect interests in full benefit responsive contracts, as reported in audited financial statements of the fund (Level 2 inputs). The fund generally provides for daily redemptions by the Plan at reported net asset value per share.

Self-directed brokerage assets consist of common stock and mutual funds, which are valued at the last reported sales price on the last business day of the year, and uninvested cash, which is recorded at carrying values. These assets are deemed to be a Level 1 investment.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 5 – FAIR VALUE MEASUREMENTS (Continued)

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.

Assets held by the Plan in 2022 and 2021 are classified as Level 1. The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

	<u>2022</u>	<u>2021</u>
Level 1		
Mutual funds	\$ 14,811,851	\$ 18,400,807
Self-directed brokerage accounts	<u>1,451,087</u>	<u>1,622,103</u>
	16,262,938	20,022,910
Interest in common collective trust valued at NAV	<u>1,322,847</u>	<u>1,045,549</u>
Total assets at fair value	<u><u>\$ 17,585,785</u></u>	<u><u>\$ 21,068,459</u></u>

As discussed in Note 2, ASU 2015-17 allows investments that are measured at NAV per share (or its equivalent) as a practical expedient to be excluded from the fair value hierarchy. The fair value amounts presented herein are intended to permit reconciliation to the statement of net assets available for plan benefits.

The following table summarizes investments measured at fair value based on NAV per share:

	<u>2022</u>	<u>2021</u>
	<u>Fair Value</u>	
Collective trusts	\$ 1,421,930	\$ 1,084,933

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 6 – PLAN TERMINATION

The Company has the right to discontinue its contributions to the Plan at any time and may terminate the Plan subject to the provisions of ERISA. In the event of a Plan termination, participants will become 100% vested.

NOTE 7 – TAX STATUS

The Plan obtained its latest determination on December 31, 2018, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and to recognize a tax liability (or asset) if the Plan has taken a position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2022, 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 audit by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes that the Plan is no longer subject to income tax examinations for years prior to December 31, 2019.

NOTE 8 – RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities 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 at least 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 in the statements of net assets available for plan benefits.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Notes to Financial Statements

Years Ended December 31, 2022 and 2021

NOTE 9 – RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for plan benefits per the financial statements at December 31, 2022 and 2021.

	<u>2022</u>	<u>2021</u>
Net assets available for plan benefits per the financial statements	\$ 18,316,465	\$ 21,766,548
Accounts receivable		
Employee's contribution	(19,194)	-
Employer match receivable	<u>(688,784)</u>	<u>(681,026)</u>
	<u>(707,978)</u>	<u>(681,026)</u>
Accrued expense		
Ineligible contribution payable	<u>845</u>	<u>-</u>
Net assets available for plan benefits per Form 5500	<u>\$ 17,609,332</u>	<u>\$ 21,085,522</u>

The financial statements are prepared on an accrual basis; the Form 5500 is prepared on a cash basis. As such, accounts receivable represent contributions in transit as of December 31, 2022 and employer matching contributions for the 2022 and 2021 plan years.

DEUTSCHE BOERSE SYSTEMS, INC.
401(K) PLAN

Schedule of Assets Held for Investment Purposes at End of December 31, 2022
PLAN NO. 001
EIN 36-4388576

(a)	(b)	(c)	(d)	(e)
	Identity of Issuer	Description of Investment	Cost	Fair Value
*	Participant Loans	Annual interest at 4.25% to 6.50% due at various dates through 2027	0	\$ 23,547
		Self Directed Brokerage Account		1,451,087
		Mutual Funds		
		Vanguard Target Retirement 2060	**	269,856
		AB Large Cap Growth	**	161,019
		Vanguard Target Retirement	**	8,284
		Janus Henderson Triton Fund	**	95,204
		JMP Emerging Markets Equity	**	70,536
		Vanguard Target Retirement 2040	**	1,833,010
		Vanguard Balance Index	**	89,801
		Vanguard Target Retirement 2045	**	1,625,185
		Vanguard IG Adm	**	188,179
		DFA One Year Fixed	**	166,308
		Amerfunds Small Cap World	**	87,673
		Vanguard Real Estate Index	**	93,607
		Vanguard St Inpro	**	158,510
		Victory Established Value	**	83,889
		Vanguard Target Retirement 2035	**	3,236,215
		PIMCO International Bond	**	18,208
		Vanguard Target Retirement 2050	**	672,011
		Vanguard Mid Cap Index	**	458,021
		JP Morgan Equity Income Fund	**	423,159
		Vanguard Target Retirement 2065	**	37,397
		Vanguard Target Retirement 2055	**	640,860
		Vanguard Target Retirement 2030	**	1,958,668
		Vanguard Target Retirement 2025	**	316,098
		Vanguard Target Retirement 2020	**	182,777
		JP Morgan Core Plus Bond Fund	**	52,039
		DFA US Small Cap Portfolio	**	296,052
		Vanguard 500 Index Fund	**	1,589,285
		Total mutual funds		14,811,851
		Metlife Stable Value Fund	***	1,322,847
		Total assets held for investment purposes		\$ 17,609,332

* Represents a party-in-interest

** Not applicable for participant directed funds

*** Presented at contract value

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
		2022
		This Form is Open to Public Inspection

For calendar plan year 2022 or fiscal plan year beginning		and ending	
A Name of plan		B Three-digit plan number (PN) ►	
C Plan sponsor's name as shown on line 2a of Form 5500		D Employer Identification Number (EIN)	

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

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f		

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k		

Net Assets

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

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)		
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other.....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d.....	2k		
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(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) ☐ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name:

(2) EIN:

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:

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.)

	Yes	No	Amount
4a			

	Yes	No	Amount
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			
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			
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			
e Was this plan covered by a fidelity bond?			
4e			
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			
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			
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			
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			
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			
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			
l Has the plan failed to provide any benefit when due under the plan?			
4l			
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
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			
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 Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.			

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN

EIN: 36-4388576

Plan Sponsor's Name DEUTSCHE BOERSE SYSTEMS, INC.

PN: 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	PARTICIPANT LOANS	INTEREST RATES (4.25% TO 6.50%)		23,547
	VAN TARG RETIRE 2060	REGISTERED INVESTMENT COMPANY		269,856
	AB LARGE CAP GROWTH FUND Z	REGISTERED INVESTMENT COMPANY		161,019
	VAN TARGET RETIRE INC	REGISTERED INVESTMENT COMPANY		8,284
	JANUS HENDERSON TRITON FUND N	REGISTERED INVESTMENT COMPANY		95,204
	VAN TARGET RETIRE 2030	REGISTERED INVESTMENT COMPANY		1,958,668
	JPM EMERGING MARKETS EQUITY R6	REGISTERED INVESTMENT COMPANY		70,536

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN

EIN: 36-4388576

Plan Sponsor's Name DEUTSCHE BOERSE SYSTEMS, INC.

PN: 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	VAN TARGET RETIRE 2040	REGISTERED INVESTMENT COMPANY		1,833,010
	VANGUARD BAL IDX - ADM	REGISTERED INVESTMENT COMPANY		89,801
	VAN TARGET RETIRE 2045	REGISTERED INVESTMENT COMPANY		1,625,185
	VANGUARD INTL GRTH ADM	REGISTERED INVESTMENT COMPANY		188,179
	DFA ONE YR FIXED INC INSTL	REGISTERED INVESTMENT COMPANY		166,308
	AMERFUNDS SMALLCAP WORLD R6	REGISTERED INVESTMENT COMPANY		87,673
	VAN TARGET RETIRE 2025	REGISTERED INVESTMENT COMPANY		316,098

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN

EIN: 36-4388576

Plan Sponsor's Name DEUTSCHE BOERSE SYSTEMS, INC.

PN: 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	VANGUARD REAL ESTATE INDEX ADM	REGISTERED INVESTMENT COMPANY		93,608
	VANGUARD ST INPRO SEC IND ADM	REGISTERED INVESTMENT COMPANY		158,510
	VICTORY ESTABLISHED VALUE R6	REGISTERED INVESTMENT COMPANY		83,889
	VAN TARGET RETIRE 2035	REGISTERED INVESTMENT COMPANY		3,236,215
	PIMCO INTL BOND USD HDGD I	REGISTERED INVESTMENT COMPANY		18,208
	VAN TARGET RETIRE 2050	REGISTERED INVESTMENT COMPANY		672,011
	VANGUARD MID CAP INDEX - ADM	REGISTERED INVESTMENT COMPANY		458,022

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN

EIN: 36-4388576

Plan Sponsor's Name DEUTSCHE BOERSE SYSTEMS, INC.

PN: 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	JPMORGAN EQUITY INCOME FUND R6	REGISTERED INVESTMENT COMPANY		423,159
	VAN TARG RETIRE 2065	REGISTERED INVESTMENT COMPANY		37,397
	VAN TARGET RETIRE 2055	REGISTERED INVESTMENT COMPANY		640,860
	VAN TARGET RETIRE 2020	REGISTERED INVESTMENT COMPANY		182,777
	JPMORGAN CORE PLUS BOND R6	REGISTERED INVESTMENT COMPANY		52,039
	DFA US SM CAP PORTFOLIO INST	REGISTERED INVESTMENT COMPANY		296,052
	VANGUARD 500 INDEX FUND - ADM	REGISTERED INVESTMENT COMPANY		1,589,285

Plan Name	DEUTSCHE BOERSE SYSTEMS, INC. 401(K) PLAN	EIN:	36-4388576
Plan Sponsor's Name	DEUTSCHE BOERSE SYSTEMS, INC.	PN:	001

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