

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 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ 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 COHERENT CORP. 401(K) PROFIT SHARING PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 06/30/1974
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) COHERENT CORP. 375 SAXONBURG BLVD. SAXONBURG, PA 16056-9430
2b	Employer Identification Number (EIN) 25-1214948
2c	Plan Sponsor's telephone number 412-352-4455
2d	Business code (see instructions) 339900

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.	12/04/2024	CHIEW MEE YONG
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ 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 4897
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 3749 6a(2) 3054 6b 37 6c 1967 6d 5058 6e 7 6f 5065 6g(1) 4685 6g(2) 4854 6h 412
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 2S 2T 3D 2A

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
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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
- (4)** ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5)** ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ **A** (Insurance Information) – Number Attached 1
- (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A Name of plan COHERENT CORP. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 COHERENT CORP.	D Employer Identification Number (EIN) 25-1214948

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
NEW YORK LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5582869	66915	GA32108	455	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
0			

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	34513996

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier	6b	0
c Premiums due but unpaid at the end of the year.....	6c	0
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	0

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year	7b	0
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c Additions: (1) Contributions deposited during the year	7c(1)	0	
(2) Dividends and credits	7c(2)	0	
(3) Interest credited during the year	7c(3)	0	
(4) Transferred from separate account.....	7c(4)	0	
(5) Other (specify below)	7c(5)	0	

(6) Total additions	7c(6)	0
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d Total of balance and additions (add lines 7b and 7c(6))	7d	0
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	0	
(2) Administration charge made by carrier	7e(2)	0	
(3) Transferred to separate account.....	7e(3)	0	
(4) Other (specify below)	7e(4)	0	

(5) Total deductions	7e(5)	0
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan COHERENT CORP. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 COHERENT CORP.	D Employer Identification Number (EIN) 25-1214948	

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
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

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

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

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 60 64 65	RECORDKEEPER	199914	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

STRATEGIC ADVISORS, INC.

04-2654524

(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?
27	ADVISOR	75178	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VICTORY S ESTB VAL Y - FIS INVESTO FAITH INVESTOR SERVICES, LLC 14785 PRESTON ROAD, SUITE 1000 DALLAS, TX 75254	0.25%	
(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 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan COHERENT CORP. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 COHERENT CORP.	D Employer Identification Number (EIN) 25-1214948	

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: PSA NO. 25 STABLE VALUE ACCOUNT		
b Name of sponsor of entity listed in (a): NEW YORK LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-125	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 34513996
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2065 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-565	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1788410
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2035 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-535	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 84893328
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2045 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-545	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 42756745
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2060 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-560	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5456657
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2025 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-525	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 95696723
a Name of MTIA, CCT, PSA, or 103-12 IE: WT INTL QUAL GR S2		
b Name of sponsor of entity listed in (a): WELLINGTON TRUST COMPANY, NA		
c EIN-PN 46-3226461-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2777970

a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2030 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-530	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 88025939
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2050 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-550	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 22486182
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2055 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-555	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11336813
a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE		
b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY		
c EIN-PN 04-3159710-202	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 66501620
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2015 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-515	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10875507
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2020 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-520	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 34720735
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2010 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-510	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9570987
a Name of MTIA, CCT, PSA, or 103-12 IE: CG 2040 TD U2		
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY		
c EIN-PN 95-6597294-540	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 45828345
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, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

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
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan COHERENT CORP. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 COHERENT CORP.		
		D Employer Identification Number (EIN) 25-1214948

Part I	Asset and Liability Statement
---------------	--------------------------------------

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	12543367	11246414
(2) Participant contributions	1b(2)	0	455438
(3) Other	1b(3)	20135	411695643
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	214309	605229
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	4782853	7816796
(9) Value of interest in common/collective trusts	1c(9)	422583610	522715961
(10) Value of interest in pooled separate accounts	1c(10)	39712006	34513996
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	121622592	164344637
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	0	0
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	601478872	1153394114
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	7868	29000
k Total liabilities (add all amounts in lines 1g through 1j)	1k	7868	29000
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	601471004	1153365114

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)	11262671	
(B) Participants	2a(1)(B)	33136658	
(C) Others (including rollovers)	2a(1)(C)	1851763	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		46251092
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	14035	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	333024	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		347059
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	3023282	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		3023282
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		61976051
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		1225976
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		24409668
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		137233128

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	65576624	
(2) To insurance carriers for the provision of benefits.....	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		65576624
f Corrective distributions (see instructions)	2f		8290
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses:			
(1) Salaries and allowances	2i(1)	0	
(2) Contract administrator fees.....	2i(2)	600	
(3) Recordkeeping fees.....	2i(3)	199314	
(4) IQPA audit fees.....	2i(4)	0	
(5) Investment advisory and investment management fees	2i(5)	75178	
(6) Bank or trust company trustee/custodial fees	2i(6)	0	
(7) Actuarial fees	2i(7)	0	
(8) Legal fees	2i(8)	0	
(9) Valuation/appraisal fees	2i(9)	0	
(10) Other trustee fees and expenses	2i(10)	0	
(11) Other expenses	2i(11)	0	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		275092
j Total expenses. Add all expense amounts in column (b) and enter total	2j		65860006

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		71373122
l Transfers of assets:			
(1) To this plan	2l(1)		480520988
(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: **SCHNEIDER DOWNS & CO., INC**

(2) EIN: **25-1408703**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	☒	☐	6418
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.)	☐	☒	
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.)	☐	☒	
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.)	☐	☒	
e Was this plan covered by a fidelity bond?	☒	☐	1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	☐	☒	
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?	☐	☒	
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?	☐	☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒	☐	
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.)	☐	☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐	☒	
l Has the plan failed to provide any benefit when due under the plan?	☒	☐	1753
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	☐	☒	
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.	☐	☒	

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 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan COHERENT CORP. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) 001	
C Plan sponsor's name as shown on line 2a of Form 5500 COHERENT CORP.	D Employer Identification Number (EIN) 25-1214948	

Part I	Distributions
All references to distributions relate only to payments of benefits during the plan year.	
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-6568107 Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.	
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.	☐ Yes ☐ No ☐ N/A
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) b Enter the amount contributed by the employer to the plan for this plan year 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) If you completed line 6c, skip lines 8 and 9.	6a 6b 6c
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? 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 ☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes ☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (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
----------------	---

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) and (b):

a Enter the percentage of plan assets held as:

Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%

High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more

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. _____

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☐ Design-based safe harbor method

☒ "Prior year" ADP test

☐ "Current year" ADP test

☐ N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702438A.

COHERENT CORP.
401(K) PROFIT SHARING PLAN
Warrendale, Pennsylvania

Financial Statements
and
Supplementary Information
As of December 31, 2023 and 2022 and
for the year ended December 31, 2023
and Independent Auditor's Report Thereon



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Schedule H, Line 4i - Schedule of Assets (Held at End of Year)	15
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Note: Other Schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA) have been omitted because they are not applicable.	

INDEPENDENT AUDITOR'S REPORT

Coherent Corp. 401(k) Profit Sharing Plan Investment and Benefits Committee
Coherent Corp. 401(k) Profit Sharing Plan

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

We have performed audits of the financial statements of the Coherent Corp. 401(k) Profit Sharing Plan (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 benefits as of December 31, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's 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 (DOL) 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2023 and 2022 and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 3 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 accompanying financial statements, 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 (U.S. GAAP).
- the information in the accompanying financial statements 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 (U.S. 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 the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that 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 U.S. GAAP, 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 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 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 U.S. 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 judgment made by a reasonable user based on the financial statements. In performing an audit in accordance with U.S. GAAS, we:

- Exercise professional judgment 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 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 judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits 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 U.S. GAAP.

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 U.S. GAAP.

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.

Other Matter – Supplemental Schedules Required by ERISA

The supplemental schedule of assets (held at end of year) as of December 31, 2023 and schedule of delinquent participant contributions for the year ended December 31, 2023 are presented for the purpose of additional analysis and are not a required part of the financial statements, but are supplementary information required by the DOL'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 schedules, 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 U.S. GAAS. For information included in the supplemental schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules 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).



Pittsburgh, Pennsylvania
October 10, 2024

COHERENT CORP.
401(K) PROFIT SHARING PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
ASSETS		
Investments:		
Investments, fair value	\$ 687,665,827	\$ 544,420,511
Investments, contract value	34,513,996	39,712,006
	<u>722,179,823</u>	<u>584,132,517</u>
Receivables:		
Net plan asset transfer	411,695,309	-
Employer contributions	11,246,414	12,543,367
Participant contributions	455,438	-
Notes receivable from participants	7,816,796	4,782,853
Other receivables	334	20,135
	<u>431,214,291</u>	<u>17,346,355</u>
Total Assets	1,153,394,114	601,478,872
LIABILITIES		
Other liabilities	<u>29,000</u>	<u>7,868</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 1,153,365,114</u>	<u>\$ 601,471,004</u>

See notes to financial statements.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2023

ADDITIONS TO NET ASSETS ATTRIBUTABLE TO:

Investment Income:

Net appreciation in fair value of investments	\$ 87,611,695
Interest and dividends	3,037,317
	90,649,012

Interest income on notes receivable from participants	333,024
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Contributions:

Participants	33,136,658
Employer	11,262,671
Rollovers	1,851,763
	46,251,092

Total Additions	137,233,128
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DEDUCTIONS FROM NET ASSETS ATTRIBUTABLE TO:

Benefits paid to participants	65,584,914
Administrative expenses	275,092

Total Deductions	65,860,006
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NET INCREASE BEFORE NET ASSET TRANSFER	71,373,122
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NET ASSET TRANSFER	480,520,988
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NET ASSETS AVAILABLE FOR BENEFITS

Beginning of year	601,471,004
End of year	\$ 1,153,365,114

See notes to financial statements.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 1 - DESCRIPTION OF PLAN

The following description of the Coherent Corp. 401(k) Profit Sharing Plan (Plan) is provided for general information purposes only. Participants should refer to the Plan document for a complete description of the Plan's provisions.

General - The Plan is a defined-contribution plan covering substantially all employees of Coherent Corp. and Optical Systems, a participating employer (collectively the Company). Employees are not eligible if they are a resident of Puerto Rico, a leased employee, a nonresident alien with no income from a U.S. source, an independent contractor, or classified as temporary, seasonal, intern or career practicum whose regularly scheduled service is less than 1,000 hours of service in a computation period. Employees can participate in the Plan on the first day of the first full pay period following the date they first become eligible. The Plan is subject to provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended, and the Internal Revenue Code (Code).

Effective January 1, 2024, the Coherent, Inc. Employee Retirement and Investment Plan (Legacy Coherent) merged into the Plan. As a result, the Plan recognized approximately \$411,695,000 as a receivable that is included in net plan asset transfer on the statement of net assets as of December 31, 2023. The net plan asset transfer consists of approximately \$411,101,000 that represents investments and \$594,000 that represents participant notes receivable. The amounts were in a pending deposit account with the former trustee of the Legacy Coherent Plan, Bank of America, N.A. The Legacy Coherent plan had already transferred approximately \$66,502,000 of investments and \$2,324,000 of notes receivable prior to December 31, 2023 that are included within investments, fair value and notes receivable from participants on the statement of net assets available for benefits as of December 31, 2023. Provisions of the Plan were amended and restated effective January 1, 2024 as a result of the merger (Note 9).

The Plan administrator is the Coherent Corp. 401(k) Profit Sharing Plan Investment and Benefits Committee (Committee), whose members are appointed by the board of directors (Board) of Coherent Corp. The Committee also has responsibility for selecting and overseeing the Plan's investments. It has the authority to appoint trustees and has designated Fidelity Management Trust Company (Fidelity) as trustee for the Plan.

Contributions - Newly eligible employees are automatically enrolled in the Plan in target retirement date funds at an 8% before-tax savings rate on the date they become eligible unless the employee elects to change his/her deferral or opt-out of the Plan. Participants may make pretax and/or after-tax contributions of 1% to 75%, beginning on August 1, 2023, of eligible compensation to the Plan through payroll deductions. Prior to August 1, 2023, participants could contribute up to 100% of eligible compensation. Participants who have attained age 50 by the end of the Plan year are eligible to make catch-up contributions. Employees are permitted to roll over amounts from other eligible retirement plans even if the employee has not yet met the eligibility requirements as described above; however, the employee will not become a participant in the Plan until eligibility requirements are met. In-plan Roth rollover contributions are permitted.

Employees who are employed on the last day of the Plan year, or who retired during the Plan year, are eligible for employer non-discretionary matching contributions. Non-discretionary matching contributions are equal to an amount of 50% of employee contributions not to exceed 8% of eligible compensation. For the year ended December 31, 2023, the employer made non-discretionary matching contributions of approximately \$9,510,000.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 1 - DESCRIPTION OF PLAN (Continued)

The Company may also make additional matching contributions in an amount equal to a percentage of the eligible contributions made by each participant. The Company did not make any additional matching contributions for the year ended December 31, 2023.

The Company also makes discretionary nonelective contributions to the Plan. To be eligible for discretionary nonelective contributions, employees must complete 1,000 hours and one year of service. Discretionary nonelective contributions are calculated based on the ratio of the employee's compensation to the total compensation of all eligible employees. A participant must be employed on the last day of the Plan year in order to receive discretionary nonelective contributions. Additionally, the Company may make additional nonelective contributions whereby each eligible participant is considered its own allocation group. Accordingly, a nonelective contribution of approximately \$1,549,000 was made for participants of the Saxonburg and Warrendale locations. All participant and employer contributions are subject to Plan limitations and total contributions credited to participants are further subject to annual additional limitations under the Code. Participants self-direct the contributions into various investment securities offered by the Plan.

Participant Accounts - Each participant's account is (i) credited with the participant's contributions and allocations of the Company's contributions and Plan investment earnings and (ii) charged with an allocation of administrative expenses and Plan investment gains and losses. Allocations are based on participant earnings, account balances or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting - Participants are immediately vested in their contributions. Vesting in employer contributions and earnings is based on the following vesting schedule:

<u>Years of Service</u>	<u>% Vested</u>
Less than 1	0%
1	25%
2	50%
3	75%
4	100%

Participants with an hour of service on or after March 31, 2020 with contributions as follows will be 100% vested: i) safe harbor nonelective employer contributions and non-safe harbor nonelective employer contribution accounts attributable to the Redstone Aerospace 401(k) Plan as merged in 2020; ii) safe harbor matching employer contributions, money purchase pension plan contributions, non-safe harbor matching employer contributions, nonelective employer contributions and safe harbor nonelective employer contributions attributable to the Finisar Corporation 401(k) Profit Sharing Plan as merged in 2020; and iii) prior employee stock ownership plan contributions previously permitted under the Plan.

Forfeitures - Forfeited nonvested accounts are used to pay administrative expenses or to reduce employer contributions. At December 31, 2023 and 2022, forfeited nonvested accounts totaled approximately \$586,000 and \$308,000, respectively. For the year ended December 31, 2023, approximately \$445,000 of forfeitures were used to reduce employer contributions.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 1 - DESCRIPTION OF PLAN (Continued)

Notes Receivable from Participants - Participants may borrow up to the lesser of one-half of their account balances (subject to a \$1,000 minimum) or \$50,000. Such loans are secured by the balance in the participant's account. The rate of interest on loans is commensurate with the average rate charged by selected major banks for secured personal loans and remains fixed for the life of the loan. Loans are repaid over the period in installments of principal and interest via payroll deductions or ACH account debit for participants who terminate employment subsequent to the loan's execution. A participant also has the right to repay the loan in full, at any time, without penalty.

Payment of Benefits - Upon termination of service due to death, disability, retirement or other reasons, a participant may receive a lump-sum amount equal to the value of the participant's vested interest in his/her account. In addition, the Plan allows for hardship distributions if certain criteria are met. Participants who have an account balance of \$5,000 or less are subject to mandatory distributions in a lump sum or rollover. If the balance is less than \$5,000 but greater than \$1,000, the Plan administrator will direct the trustee to distribute the balance to an individual retirement account or annuity. The Plan provides for partial withdrawals upon reaching age 59 ½.

Plan Termination - Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, all accounts will be fully vested.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A summary of significant accounting policies consistently applied by the Plan administrator in the preparation of the accompanying statements of net assets available for benefits and related statement of changes in net assets available for benefits and the related notes to the financial statements (financial statements) follows:

Basis of Accounting - The accompanying financial statements of the Plan have been prepared under the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Use of Estimates - The preparation of financial statements in conformity with U.S. GAAP requires Plan management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Investment Valuation and Income Recognition - Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan.

The Plan's investments are stated at fair value, except for fully benefit-responsive investment contracts, which are reported at contract 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 4 for a discussion of fair value measurement and Note 5 for a discussion of fully benefit-responsive investment contracts.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Purchases and sales of investments are recorded on a trade-date basis. Dividend income is recorded on the ex-dividend date and interest income is recorded on the accrual basis. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants - Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2023 or 2022. If a participant ceases to make loan repayments and the Plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Payment of Benefits - Benefits are recorded when paid.

Administrative Expenses - Certain expenses of maintaining the Plan are paid by the Plan. Fees related to the administration of notes receivable from participants, benefit payments and certain recordkeeping fees are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net appreciation of fair value of investments.

NOTE 3 - INFORMATION CERTIFIED BY TRUSTEE (UNAUDITED)

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedules, including investments and notes receivable from participants held at December 31, 2023 and 2022, net appreciation in fair value of investments, interest and dividends and interest income on notes receivable from participants for the year ended December 31, 2023, was obtained by management and agreed to or derived from information certified as complete and accurate by Fidelity.

NOTE 4 - FAIR VALUE MEASUREMENT

U.S. GAAP for fair value measurements provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

The three levels of the fair value hierarchy are described 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. An active market for the asset or liability is a market in which the transaction for the asset or liability occurs with sufficient frequency and volume to provide pricing information on an ongoing basis.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 4 - FAIR VALUE MEASUREMENT (Continued)

- Level 2: Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets, inputs other than quoted prices that are observable for the asset or liability, or other inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the 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.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Mutual and Money Market Funds - The shares of registered investment companies are public investment vehicles valued at quoted market prices, which represent the net asset values of the shares held in such funds. Each of these funds is considered an open-ended interest in a registered investment company and valued using a market approach. Fair value is based on a daily net asset value that can be validated with a sufficient level of observable activity in an active market (i.e., purchases and sales at net asset value) and therefore these interests in registered investment companies have been classified within Level 1 of the fair value hierarchy.

Common Collective Trusts - Valued at the net asset value (NAV) of units of a bank collective trust. The NAV, as provided by the trustees, is used as a practical expedient to estimate fair value and is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than reported NAV. Participant transactions (purchases and sales) may occur daily. There are no unfunded commitments at December 31, 2023 and 2022.

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

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 4 - FAIR VALUE MEASUREMENT (Continued)

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31:

		2023			
		Level 1	Level 2	Level 3	Total
Mutual and Money Market Funds	\$	164,949,866	-	-	\$ 164,949,866
Investments in the fair value hierarchy	\$	164,949,866	-	-	164,949,866
Investments measured at net asset value - common collective trusts (a)					522,715,961
Total investments at fair value					\$ 687,665,827

		2022			
		Level 1	Level 2	Level 3	Total
Mutual and Money Market Funds	\$	121,836,901	-	-	\$ 121,836,901
Investments in the fair value hierarchy	\$	121,836,901	-	-	121,836,901
Investments measured at net asset value - common collective trusts (a)					422,583,610
Total investments at fair value					\$ 544,420,511

- (a) In accordance with Accounting Standards Codification 820, certain investments that were measured at NAV per share (or its equivalent) as of December 31, 2023 and 2022 have not been classified in the fair market value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

NOTE 5 - FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

The Plan invests in an Anchor Account, a fully benefit-responsive investment contract with New York Life Insurance Company, which is valued at contract value. The underlying investments consist of a pooled separate account. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value is the aggregation of contributions, plus interest, less withdrawals, if any. Crediting rates are a combination of a guaranteed rate and an annually established discretionary rate. The discretionary rate applied to contributions received during a reporting period may vary from the discretionary rate applied to account balances at the end of the prior reporting period. Interest is accrued daily and credited monthly. Interest rates are guaranteed to be no less than 0%.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 5 - FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT (Continued)

Certain events may limit the ability of the Plan to transact at contract value with the contract issuer. These events may be different under each contract. Examples of such events include i) premature termination of contracts, ii) Plan termination or merger, iii) changes to the Plan's prohibition on competing investment options, or iv) bankruptcy of the Plan sponsor or other Plan sponsor events (divestitures or spinoffs) that significantly affect the Plan's normal operations. No events were probable of occurring that might have limited the ability of the Plan to transact at contract value with the contract issuers.

Additionally, the contract is not assignable but certain events allow the issuer to terminate the contract with the Plan and settle at an amount different than the contract value. Examples of such events include i) an uncured violation of the Plan's investment guidelines, ii) a breach of material obligation under the contract, iii) a material misrepresentation, and iv) a material amendment to the agreements without the consent of the issuer.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuers' ability to meet their financial obligations, which could be affected by future economic and regulatory developments. There are no liquidity restrictions on the Anchor Account.

NOTE 6 - TAX STATUS

The underlying volume submitter profit sharing 401(k) plan has received an opinion letter from the Internal Revenue Service (IRS) dated June 30, 2020, stating that the form of the Plan is qualified under Section 401 of the Code and, therefore, the related trust is tax-exempt. In accordance with the Code, the Plan administrator has determined that it is eligible to and has chosen to rely on the current IRS prototype plan opinion letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. Although the Plan has been amended since receiving the opinion letter, the Plan administrator believes that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

U.S. GAAP requires the Plan administrator to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2023 and 2022 there are no uncertain positions taken or expected to be taken, that would require recognition of a tax liability and related interest and penalties or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes that the Plan is no longer subject to income tax examinations for years prior to 2020.

NOTE 7 - TRANSACTIONS WITH PARTIES-IN-INTEREST

Certain Plan investments are managed by Fidelity, the trustee of the Plan, therefore these transactions qualify as party-in-interest transactions. Fees incurred by the Plan for the investment manager services are included in net appreciation in the fair value of the investment, as they are paid through revenue sharing rather than a direct payment.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

NOTE 7 - TRANSACTIONS WITH PARTIES-IN-INTEREST (Continued)

Certain administrative functions of the Plan are performed by officers or employees of the Company. No such officer or employee receives compensation from the Plan.

NOTE 8 - RISK AND UNCERTAINTIES

The Plan invests in investment securities that 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 financial statements.

NOTE 9 - SUBSEQUENT EVENTS

Subsequent events are defined as events or transactions that occur after the statement of net assets available for benefits date, but before the financial statements are issued or are available to be issued. Management has evaluated subsequent events through October 10, 2024, the date that the financial statements were issued and determined that there have been no events that have occurred that would require adjustments to the disclosures in the financial statements other than those disclosed below.

Effective January 1, 2024, the Plan was amended and restated as a result of the Legacy Coherent Plan merging into the Plan (Note 1). As a result, eligibility provisions of the Plan were amended to include employees classified as temporary, seasonal, intern or career practicum whose regularly scheduled service is less than 1,000 hours of service in a computation period. The employer non-discretionary matching contributions were also amended and will be made by the Company on a per pay basis. Additionally, Legacy Coherent participants will have a different vesting schedule. Legacy Coherent participants will vest evenly over three years beginning after year one.

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SUPPLEMENTARY INFORMATION

COHERENT CORP.
401(K) PROFIT SHARING PLAN

EIN: 51-0337383
PLAN NUMBER: 002

SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

(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 and Number of Shares/Units**	(e) Current Value
*	New York Life Insurance Company	Anchor Account	N/A	\$ 34,513,996
	Common Collective Trusts			
	Capital Group	2025 Target Date Retirement Fund	N/A	95,696,723
	Capital Group	2030 Target Date Retirement Fund	N/A	88,025,939
	Capital Group	2035 Target Date Retirement Fund	N/A	84,893,328
	Putnam Investments	Stable Value Fund	N/A	66,501,620
	Capital Group	2040 Target Date Retirement Fund	N/A	45,828,345
	Capital Group	2045 Target Date Retirement Fund	N/A	42,756,745
	Capital Group	2020 Target Date Retirement Fund	N/A	34,720,735
	Capital Group	2050 Target Date Retirement Fund	N/A	22,486,182
	Capital Group	2055 Target Date Retirement Fund	N/A	11,336,813
	Capital Group	2015 Target Date Retirement Fund	N/A	10,875,507
	Capital Group	2010 Target Date Retirement Fund	N/A	9,570,987
	Capital Group	2060 Target Date Retirement Fund	N/A	5,456,657
	Wellington	CIF International Quality Growth Series 2	N/A	2,777,970
	Capital Group	2065 Target Date Retirement Fund	N/A	1,788,410
				<u>522,715,961</u>
	Money Market and Mutual Funds			
*	Fidelity Investments	500 Index Fund	N/A	63,313,092
	JP Morgan	Large Cap Growth Fund R6	N/A	29,586,371
	Vanguard Institution Index	Total Bond Market Index Fund Admiral Shares	N/A	10,955,221
	Blackrock	Mid-Cap Growth Equity Portfolio Class K	N/A	10,219,950
*	Fidelity Investments	Extended Market Index Fund	N/A	8,920,868
	PIMCO	Income Fund Institutional Class	N/A	6,620,988
	JP Morgan	Equity Income Fund Class R6	N/A	6,409,748
	Victory Capital	Sycamore Established Value Fund Class Y	N/A	5,510,310
	PGIM, Inc.	Total Return Bond Fund Class R6	N/A	5,006,303
	Vanguard Institution Index	Total International Stock Index Fund Admiral Shares	N/A	4,838,902
	American Funds	New World Fund Class R6	N/A	4,241,066
	Dodge & Cox	International Stock Fund	N/A	3,276,222
	JP Morgan	Small Cap Equity Fund Class R6	N/A	3,221,906
	Cohen & Seers, Inc.	Real Estate Security Fund, Inc. Class Z	N/A	2,223,690
*	Fidelity Investments	Government Money Market Fund	N/A	605,229
				<u>164,949,866</u>
*	Participant Notes Receivable	Interest at 3.25% to 11.50%, maturing through 2053	-	7,816,796
				<u>\$ 729,996,619</u>
*	Party in interest			

N/A - Participant-directed investment, cost not required

See independent auditor's report.

COHERENT CORP.
401(K) PROFIT SHARING PLAN

EIN: 51-0337383
PLAN NUMBER: 002

SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

Participant Contributions Transferred Late to Plan	Total That Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under Voluntary Fiduciary Correction Program (VFCP) and Prohibited Transaction Exemption 2002-51
Check Here	Contributions Not Corrected	Contributions Corrected Outside VFCP	Corrections Pending Correction in VFCP	
If Late Participant Loan Repayments are Included				
Plan Year 2022	-	-	-	\$6,275
Plan Year 2023	\$143	-	-	-

See independent auditor's report.