

<p style="text-align: center;"><b>Form 5500</b></p> <p style="font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="font-size: small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p><b>Annual Return/Report of Employee Benefit Plan</b></p> <p style="font-size: small;">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).</p> <p>▶ <b>Complete all entries in accordance with the instructions to the Form 5500.</b></p>	<p style="font-size: x-small;">OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="font-size: large; font-weight: bold;">2023</p> <hr/> <p style="font-weight: bold;">This Form is Open to Public Inspection</p>
---	---	---

**Part I Annual Report Identification Information**  
 For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

**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) \_\_\_\_\_

**B** This return/report is:  the first return/report  the final return/report

an amended return/report  a short plan year return/report (less than 12 months)

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

**D** Check box if filing under:  Form 5558  automatic extension  the DFVC program

special extension (enter description)

**E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶

**Part II Basic Plan Information**—enter all requested information

<p><b>1a</b> Name of plan  <u>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</u></p>	<p><b>1b</b> Three-digit plan number (PN) ▶ <u>002</u></p>
<p><b>2a</b> 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)  <u>THE CHARLES STARK DRAPER LABORATORY, INC.</u>  <u>DRAPER</u>   <u>555 TECHNOLOGY SQUARE</u>  <u>CAMBRIDGE, MA 02139-3539</u></p>	<p><b>1c</b> Effective date of plan  <u>07/01/1974</u></p> <p><b>2b</b> Employer Identification Number (EIN)  <u>04-2505372</u></p> <p><b>2c</b> Plan Sponsor's telephone number  <u>617-258-1000</u></p> <p><b>2d</b> Business code (see instructions)  <u>813000</u></p>

**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.

<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	04/14/2025	JENNIFER BULENS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	04/14/2025	JENNIFER BULENS
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>			
	Signature of DFE	Date	Enter name of individual signing as DFE

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	695
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits ..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> . ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits ..... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> . ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	217
	<b>6a(2)</b>	207
	<b>6b</b>	251
	<b>6c</b>	189
	<b>6d</b>	647
	<b>6e</b>	42
	<b>6f</b>	689
	<b>6g(1)</b>	
	<b>6g(2)</b>	
<b>h</b>		0
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	<b>7</b>	

**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:  
1A 1C 1F 3F 3H

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

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input checked="" type="checkbox"/> Insurance	(1) <input checked="" type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> General assets of the sponsor

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

**a Pension Schedules**

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

For calendar plan year 2023 or fiscal plan year beginning **07/01/2023** and ending **06/30/2024**

<b>A</b> Name of plan <b>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>002</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>04-2505372</b>

**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.

**1 Coverage Information:**

**(a)** Name of insurance carrier  
**TEACHERS INSURANCE AND ANNUITY ASSOCIATION**

<b>(b)</b> EIN	<b>(c)</b> NAIC code	<b>(d)</b> Contract or identification number	<b>(e)</b> Approximate number of persons covered at end of policy or contract year	<b>Policy or contract year</b>	
				<b>(f)</b> From	<b>(g)</b> To
<b>13-1624203</b>	<b>69345</b>	<b>U-FT22</b>	<b>689</b>	<b>07/01/2023</b>	<b>06/30/2024</b>

**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.

<b>(a)</b> Total amount of commissions paid	<b>(b)</b> Total amount of fees paid
---	--------------------------------------

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

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

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

<b>Part II</b>	<b>Investment and Annuity Contract Information</b>	
	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.	
<b>4</b>	Current value of plan's interest under this contract in the general account at year end .....	728554
<b>5</b>	Current value of plan's interest under this contract in separate accounts at year end.....	0
<b>6</b>	<b>Contracts With Allocated Funds:</b>	
<b>a</b>	State the basis of premium rates ▶	
<b>b</b>	Premiums paid to carrier .....	<b>6b</b>
<b>c</b>	Premiums due but unpaid at the end of the year.....	<b>6c</b>
<b>d</b>	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 ▶	<b>6d</b>
<b>e</b>	Type of contract: (1) <input type="checkbox"/> individual policies (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
<b>f</b>	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
<b>7</b>	<b>Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)</b>	
<b>a</b>	Type of contract: (1) <input checked="" type="checkbox"/> deposit administration (2) <input type="checkbox"/> immediate participation guarantee (3) <input type="checkbox"/> guaranteed investment (4) <input type="checkbox"/> other ▶	
<b>b</b>	Balance at the end of the previous year .....	<b>7b</b> 728485
<b>c</b>	Additions: (1) Contributions deposited during the year .....	<b>7c(1)</b>
	(2) Dividends and credits .....	<b>7c(2)</b>
	(3) Interest credited during the year .....	<b>7c(3)</b> 32862
	(4) Transferred from separate account.....	<b>7c(4)</b>
	(5) Other (specify below) .....	<b>7c(5)</b> 4604089
	▶ TRANSFERS	
(6) Total additions .....	<b>7c(6)</b> 4636951	
<b>d</b>	Total of balance and additions (add lines <b>7b</b> and <b>7c(6)</b> ) .....	<b>7d</b> 5365436
<b>e</b>	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year .....	<b>7e(1)</b> 4636882
	(2) Administration charge made by carrier .....	<b>7e(2)</b>
	(3) Transferred to separate account.....	<b>7e(3)</b>
	(4) Other (specify below) .....	<b>7e(4)</b>
▶		
(5) Total deductions .....	<b>7e(5)</b> 4636882	
<b>f</b>	Balance at the end of the current year (subtract line <b>7e(5)</b> from line <b>7d</b> ) .....	<b>7f</b> 728554

**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:

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

**10** Nonexperience-rated contracts:

<b>a</b> Total premiums or subscription charges paid to carrier .....	<b>10a</b>
<b>b</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 .....	<b>10b</b>

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. ▶

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection</b>
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

▶ **Round off amounts to nearest dollar.**  
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan <u>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>04-2505372</u>	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		
<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500		

**Part I Basic Information**

<b>1</b>	Enter the valuation date: Month <u>07</u> Day <u>01</u> Year <u>2023</u>		
<b>2</b>	Assets:		
	<b>a</b> Market value .....	<b>2a</b>	<u>92859810</u>
	<b>b</b> Actuarial value .....	<b>2b</b>	<u>102145791</u>
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	<b>a</b> For retired participants and beneficiaries receiving payment .....	<u>281</u>	<u>44568357</u>
	<b>b</b> For terminated vested participants .....	<u>201</u>	<u>16783794</u>
	<b>c</b> For active participants .....	<u>217</u>	<u>31995971</u>
	<b>d</b> Total .....	<u>699</u>	<u>93348122</u>
<b>4</b>	If the plan is in at-risk status, check the box and complete lines (a) and (b) .....		
	<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>	
	<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor .....	<b>4b</b>	
<b>5</b>	Effective interest rate .....	<b>5</b>	<u>5.27 %</u>
<b>6</b>	Target normal cost		
	<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	<u>0</u>
	<b>b</b> Expected plan-related expenses .....	<b>6b</b>	<u>500000</u>
	<b>c</b> Target normal cost .....	<b>6c</b>	<u>500000</u>

**Statement by Enrolled Actuary**  
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>  <u>TIMOTHY LAZOR</u> Signature of actuary  <u>MERCER</u> Type or print name of actuary  <u>1166 AVENUE OF AMERICAS</u> <u>NEW YORK, NY 10036</u> Firm name  Address of the firm	<u>04/03/2025</u> Date <u>23-08679</u> Most recent enrollment number <u>212-345-0355</u> Telephone number (including area code)
---	--

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	5813689
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	5813689
<b>10</b>	Interest on line 9 using prior year's actual return of <u>1.40</u> % .....	0	81392
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year) .....		2769147
	<b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.44</u> % .....		150642
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		2919789
	<b>d</b> Portion of (c) to be added to prefunding balance .....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) .....	0	5895081

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	103.10 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	109.42 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	108.61 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
03/12/2025	3629000	0					
			<b>Totals ▶</b>	<b>18(b)</b>	3629000	<b>18(c)</b>	0

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years. ....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	3326295

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year? .....  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....  Yes  No

**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

**Part V Assumptions Used to Determine Funding Target and Target Normal Cost**

**21** Discount rate:

<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
-------------------------	------------------------	------------------------	------------------------	---

**b** Applicable month (enter code)..... **21b** 0

**22** Weighted average retirement age ..... **22** 64

**23** Mortality table(s) (see instructions)  Prescribed - combined  Prescribed - separate  Substitute

**Part VI Miscellaneous Items**

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....  Yes  No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ....  Yes  No

**26** Demographic and benefit information

**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....  Yes  No

**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...  Yes  No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

**28** Unpaid minimum required contributions for all prior years ..... **28**

**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... **29** 0

**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) ..... **30** 0

**Part VIII Minimum Required Contribution For Current Year**

**31** Target normal cost and excess assets (see instructions):

<b>a</b> Target normal cost (line 6c).....	<b>31a</b>	500000
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	500000

**32** Amortization installments:

	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	0	0
<b>b</b> Waiver amortization installment .....	0	0

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount ..... **33**

**34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... **34** 0

	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....			0
<b>36</b> Additional cash requirement (line 34 minus line 35).....			0
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....			3326295

**38** Present value of excess contributions for current year (see instructions)

<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	3326295
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	

**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) ..... **39** 0

**40** Unpaid minimum required contributions for all years ..... **40** 0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021

<b>SCHEDULE C</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Service Provider Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection.</b>
--	--	---

For calendar plan year 2023 or fiscal plan year beginning **07/01/2023** and ending **06/30/2024**

<b>A</b> Name of plan <b>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>002</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>04-2505372</b>	

**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

TIAA

13-1624203

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

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

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

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

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

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

MERCER INVESTMENTS LLC

30-0282430

(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?
50 51 52	FIDUCIARY	278533	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	56452	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

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

TIAA

13-1624203

(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?
12 38 50	NONE	60500	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**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.

<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> 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.

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE D</b> <b>(Form 5500)</b>  Department of the Treasury Internal Revenue Service  Department of Labor Employee Benefits Security Administration	<b>DFE/Participating Plan Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <hr/> <b>2023</b>  <hr/> <b>This Form is Open to Public Inspection.</b>
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

<b>A</b> Name of plan <u>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>04-2505372</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
---------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: REAL ASSET NL SERIES - CLASS A(CMGV)

**b** Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISOR TRUST COMPANY

<b>c</b> EIN-PN <u>90-0337987-374</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>2614019</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER US SMALL/MID CAP EQUITY PORT

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>03-0566611-003</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1561424</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER US LARGE CAP CORE PASSIVE EQ

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>03-0566613-005</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>8004079</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER NON-US CORE EQUITY PORTFOLIO

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>03-0566617-009</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>4325257</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER EMERGING MARKETS EQUITY PORT

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>32-6219484-017</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1787557</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER GLOBAL LOW VOLATILITY EQUITY

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>35-7004395-018</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1392124</u>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: MERCER LONG STRIPS FIXED INCOME POR

**b** Name of sponsor of entity listed in (a): MERCER TRUST COMPANY, LLC

<b>c</b> EIN-PN <u>80-6243236-019</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>10579558</u>
---------------------------------------	-------------------------------	---

**a** Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER OPPORTUNISTIC FIXED INCOME P**

**b** Name of sponsor of entity listed in (a): **MERCER TRUST COMPANY, LLC**

<b>c</b> EIN-PN <b>36-7630030-020</b>	<b>d</b> Entity code <b>C</b>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>6611434</b>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER ACTIVE LONG CORPORATE FIXED**

**b** Name of sponsor of entity listed in (a): **MERCER TRUST COMPANY, LLC**

<b>c</b> EIN-PN <b>45-6178743-004</b>	<b>d</b> Entity code <b>C</b>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>31227826</b>
---------------------------------------	-------------------------------	---

**a** Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER PASSIVE LONG FIXED INCOME**

**b** Name of sponsor of entity listed in (a): **MERCER TRUST COMPANY, LLC**

<b>c</b> EIN-PN <b>51-0560117-010</b>	<b>d</b> Entity code <b>C</b>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>11325501</b>
---------------------------------------	-------------------------------	---

**a** Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER ACTIVE INTERMEDIATE CREDIT**

**b** Name of sponsor of entity listed in (a): **MERCER TRUST COMPANY, LLC**

<b>c</b> EIN-PN <b>85-2621954-048</b>	<b>d</b> Entity code <b>C</b>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>9543675</b>
---------------------------------------	-------------------------------	--

**a** Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER ULTRA LONG DURATION PORTFOLI**

**b** Name of sponsor of entity listed in (a): **MERCER TRUST COMPANY, LLC**

<b>c</b> EIN-PN <b>83-2461327-047</b>	<b>d</b> Entity code <b>C</b>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>0</b>
---------------------------------------	-------------------------------	--

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

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

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> 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):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> 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):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> 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):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> 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):

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



<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection</b>
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

<b>A</b> Name of plan <u>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>THE CHARLES STARK DRAPER LABORATORY, INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>04-2505372</u>	

<b>Part I</b>	<b>Asset and Liability Statement</b>
---------------	--------------------------------------

**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.

		(a) Beginning of Year	(b) End of Year
<b>Assets</b>			
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>		
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	3030000	3629000
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>		
<b>(3)</b> Other .....	<b>1b(3)</b>		
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	33675	38077
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>		
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>		
<b>(B)</b> All other .....	<b>1c(3)(B)</b>		
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>		
<b>(B)</b> Common .....	<b>1c(4)(B)</b>		
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>		
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>		
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>		
<b>(8)</b> Participant loans .....	<b>1c(8)</b>		
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	89154167	88972454
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>		
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>		
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>		
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>		
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>	728485	728554
<b>(15)</b> Other .....	<b>1c(15)</b>		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities .....	1d(1)		
(2) Employer real property .....	1d(2)		
e Buildings and other property used in plan operation .....	1e		
f Total assets (add all amounts in lines 1a through 1e) .....	1f	92946327	93368085
<b>Liabilities</b>			
g Benefit claims payable .....	1g		
h Operating payables .....	1h		
i Acquisition indebtedness .....	1i		
j Other liabilities .....	1j		
k Total liabilities (add all amounts in lines 1g through 1j) .....	1k	0	0
<b>Net Assets</b>			
l Net assets (subtract line 1k from line 1f) .....	1l	92946327	93368085

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: (A) Employers .....	2a(1)(A)	3629000	
(B) Participants .....	2a(1)(B)		
(C) Others (including rollovers) .....	2a(1)(C)		
(2) Noncash contributions .....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2) .....	2a(3)		3629000
<b>b Earnings on investments:</b>			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit) .....	2b(1)(A)		
(B) U.S. Government securities .....	2b(1)(B)		
(C) Corporate debt instruments .....	2b(1)(C)		
(D) Loans (other than to participants) .....	2b(1)(D)		
(E) Participant loans .....	2b(1)(E)		
(F) Other .....	2b(1)(F)	32862	
(G) Total interest. Add lines 2b(1)(A) through (F) .....	2b(1)(G)		32862
(2) Dividends:			
(A) Preferred stock .....	2b(2)(A)		
(B) Common stock .....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds) .....	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A), (B), and (C) .....	2b(2)(D)		0
(3) Rents .....	2b(3)		
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds .....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions) .....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result .....	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets:			
(A) Real estate .....	2b(5)(A)		
(B) Other .....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B) .....	2b(5)(C)		

		(a) Amount	(b) Total
<b>(6)</b> Net investment gain (loss) from common/collective trusts.....	<b>2b(6)</b>		1927126
<b>(7)</b> Net investment gain (loss) from pooled separate accounts.....	<b>2b(7)</b>		
<b>(8)</b> Net investment gain (loss) from master trust investment accounts.....	<b>2b(8)</b>		
<b>(9)</b> Net investment gain (loss) from 103-12 investment entities.....	<b>2b(9)</b>		
<b>(10)</b> Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	<b>2b(10)</b>		
<b>c</b> Other income.....	<b>2c</b>		
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total.....	<b>2d</b>		5588988

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
<b>(1)</b> Directly to participants or beneficiaries, including direct rollovers.....	<b>2e(1)</b>	4636882	
<b>(2)</b> To insurance carriers for the provision of benefits.....	<b>2e(2)</b>		
<b>(3)</b> Other.....	<b>2e(3)</b>		
<b>(4)</b> Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		4636882
<b>f</b> Corrective distributions (see instructions).....	<b>2f</b>		
<b>g</b> Certain deemed distributions of participant loans (see instructions).....	<b>2g</b>		
<b>h</b> Interest expense.....	<b>2h</b>		
<b>i</b> Administrative expenses:			
<b>(1)</b> Salaries and allowances.....	<b>2i(1)</b>		
<b>(2)</b> Contract administrator fees.....	<b>2i(2)</b>		
<b>(3)</b> Recordkeeping fees.....	<b>2i(3)</b>	60500	
<b>(4)</b> IQPA audit fees.....	<b>2i(4)</b>		
<b>(5)</b> Investment advisory and investment management fees.....	<b>2i(5)</b>	278533	
<b>(6)</b> Bank or trust company trustee/custodial fees.....	<b>2i(6)</b>		
<b>(7)</b> Actuarial fees.....	<b>2i(7)</b>		
<b>(8)</b> Legal fees.....	<b>2i(8)</b>		
<b>(9)</b> Valuation/appraisal fees.....	<b>2i(9)</b>		
<b>(10)</b> Other trustee fees and expenses.....	<b>2i(10)</b>		
<b>(11)</b> Other expenses.....	<b>2i(11)</b>	191315	
<b>(12)</b> Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		530348
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total.....	<b>2j</b>		5167230

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		421758
<b>l</b> Transfers of assets:			
<b>(1)</b> To this plan.....	<b>2l(1)</b>		
<b>(2)</b> From this plan.....	<b>2l(2)</b>		

**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: **CARON & BLETZER**

(2) EIN: **04-3499945**

**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
<b>a</b> 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.) .....		X	
<b>b</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.).....		X	
<b>c</b> 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.) .....		X	
<b>d</b> 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.).....		X	
<b>e</b> Was this plan covered by a fidelity bond?.....	X		2000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....		X	
<b>g</b> 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? .....		X	
<b>h</b> 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?.....		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	X		
<b>j</b> 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.).....		X	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan? .....		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		X	
<b>n</b> 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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 535332.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection.</b>
--	---	---

For calendar plan year 2023 or fiscal plan year beginning **07/01/2023** and ending **06/30/2024**

<b>A</b> Name of plan <b>RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>002</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>THE CHARLES STARK DRAPER LABORATORY, INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>04-2505372</b>	

<b>Part I</b>	<b>Distributions</b>
---------------	----------------------

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

<b>1</b> Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	<b>1</b>	<b>0</b>
---	----------	----------

**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): 82-2826183

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

<b>3</b> Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year .....	<b>3</b>	<b>1</b>
--	----------	----------

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

**4** Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? .....  Yes  No  N/A  
**If the plan is a defined benefit plan, go to line 8.**

**5** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_  
**If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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) .....	<b>6c</b>	

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

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

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

<b>Part III</b>	<b>Amendments</b>
-----------------	-------------------

**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

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

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

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

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

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

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

**13** Enter the following information for each employer that (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:

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment) .....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

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

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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 .....	<b>16b</b>	

**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 \_\_\_/\_\_\_/\_\_\_\_ (MM/DD/YYYY) and the Opinion Letter serial number \_\_\_\_\_.

**RETIREMENT PLAN FOR EMPLOYEES OF THE  
CHARLES STARK DRAPER LABORATORY, INC.**

---

**FINANCIAL STATEMENTS**

June 30, 2024 and 2023 and  
For the Year Ended June 30, 2024



***CARON & BLETZER, PLLC***

*Certified Public Accountants and Business Consultants*

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
CONTENTS

	<i>Page(s)</i>
Independent Auditors' Report	1 – 4
Financial Statements:	
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Statements of Accumulated Plan Benefits	7
Statement of Changes in Accumulated Plan Benefits	8
Notes to Financial Statements	9 – 16
Supplemental Schedules:	
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)	17
Schedule H, Line 4(j) – Schedule of Reportable Transactions	18

Other schedules required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.



## Independent Auditor's Report

To the Plan Administrator of the Retirement Plan for Employees of the Charles Stark Draper Laboratory, Inc.:

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

We have performed audits of the financial statements of the Retirement Plan for Employees of the Charles Stark Draper Laboratory, Inc. ("the 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 and of accumulated plan benefits as of June 30, 2024 and 2023, and the related statements of changes in net assets available for benefits and of changes in accumulated plan benefits for the year ended June 30, 2024, 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 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 June 30, 2024 and 2023 and for the year ended June 30, 2024, stating that the certified investment information, as described in Note F 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 of our report:

- 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 ("GAAP").
- the information in the accompanying financial statements related to assets which provide benefits under the plan and certified to by a qualified institution and assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

### ***Basis for Opinion***

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (“GAAS”). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of 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 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 within one year after the date that the financial statements are issued or 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 section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with 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 certifications, 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 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 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 H, Line 4(i) - Schedule of Assets (Held at End of Year) as of June 30, 2024 and the Schedule H, Line 4(j) - Schedule of Reportable Transactions for the year ended June 30, 2024, are presented for purposes 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 audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental 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, is presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified information in the supplemental schedules related to assets which provide benefits under the plan and certified to by a qualified institution and 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).

*Caron & Bletzer, PLLC*

Kingston, NH  
April 10, 2025

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS  
June 30, 2024 and 2023

	2024	2023
Investments, at fair value:		
Deposit administration contract	\$ 728,554	\$ 728,485
Common collective trusts	88,972,454	89,154,167
Cash, interest bearing	38,077	33,675
Total investments at fair value	89,739,085	89,916,327
Receivables:		
Employer contribution receivable	3,629,000	3,030,000
Net assets available for benefits	\$ 93,368,085	\$ 92,946,327

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

RETIREMENT PLAN FOR EMPLOYEES OF  
 THE CHARLES STARK DRAPER LABORATORY, INC.  
 STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS  
 For the year ended June 30, 2024

	2024
Additions:	
Investment income:	
Net appreciation in fair value of investments	\$ 1,922,138
Interest income	37,850
	1,959,988
Contributions:	
Employer contributions	3,629,000
Total additions	5,588,988
Deductions:	
Retirement benefits paid	4,636,882
Administrative expenses	530,348
Total deductions	5,167,230
Net increase	421,758
Net assets available for benefits:	
Beginning of year	92,946,327
End of year	\$ 93,368,085

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

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
STATEMENTS OF ACCUMULATED PLAN BENEFITS  
June 30, 2024 and 2023

---

	2024	2023
Actuarial present value of accumulated plan benefits:		
Vested benefits:		
Participants currently receiving payments	\$ 41,410,886	\$ 41,734,741
Other participants	47,055,444	46,891,712
Total vested benefits	88,466,330	88,626,453
Nonvested benefits	-	-
Total actuarial present value of accumulated plan benefits	\$ 88,466,330	\$ 88,626,453

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

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
STATEMENT OF CHANGES IN ACCUMULATED PLAN BENEFITS  
For the year ended June 30, 2024

---

	2024
Actuarial present value of accumulated plan benefits at beginning of year	\$ 88,626,453
Increase (decrease) during the year attributable to:	
Benefits accumulated & actuarial (gain)/loss	535,038
Increase due to decrease in discount period	4,736,314
Benefits paid	(4,636,882)
Change in actuarial assumptions	(794,593)
Net decrease in actuarial present value of accumulated plan benefits	(160,123)
Actuarial present value of accumulated plan benefits at end of year	\$ 88,466,330

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

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

A. PLAN DESCRIPTION:

The following brief description of the Retirement Plan for Employees of The Charles Stark Draper Laboratory, Inc. (the "Plan") is provided for general information only. Participants should refer to the plan document for a full description of its provisions.

General

The Plan was established on July 1, 1974 to provide retirement benefits for employees of The Charles Stark Draper Laboratory, Inc. (the "Employer" or "Draper") and benefits for their surviving spouses, beneficiaries and contingent annuitants. The Plan covers substantially all non-exempt employees and is a defined benefit, noncontributory funded plan which is intended to comply with the requirements of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

Effective January 1, 2018 the Plan was frozen to new benefit accruals. No new participants are allowed into the Plan effective as of the Plan freeze date. However, existing participants can continue to accrue vesting service. Interest credits to participant notional accounts will continue until the participant's benefits are distributed.

Participant Accounts

Solely for the purposes of calculating the amount of benefits payable under the Plan, fixed accounts and, where applicable, equity accounts are maintained for each participant with an accrued benefit under the Plan. As of November 1, 1985, the Company credits participant accounts on a monthly basis with 10% of the participant's plan compensation, as well as with an interest credit determined quarterly. The quarterly interest credit rate for the June 30, 2024 plan year was 1.44%. Effective January 1, 2018, the Plan was frozen and participants will no longer receive a quarterly compensation credit, however interest credits will continue until the participant's benefits are distributed. Prior to July 1, 2012 participants were required to allocate 50% of the credited amount to a fixed account and could elect to allocate the remaining 50% between a fixed and an equity account. Effective July 1, 2012 the Plan was amended to eliminate separate fixed and equity accounts and combined participant balances into a single account. These accounts are notional accounts that constitute a method for measuring benefits using defined benefit features. They do not represent actual funds or assets allocated to participants.

Benefits

The Plan provides normal, early, deferred and disability retirement benefits paid from the net assets available for benefits. To be eligible to participate in the Plan, employees must be at least 21 years of age and have provided one year of service. Effective June 30, 2008, benefits become vested after a participant completes 3 years of service. Prior to June 30, 2008 benefits vested after 5 years of service.

Retirement benefits are paid to participants in equal monthly payments beginning in the month following retirement and continuing until death. The normal benefit for a married participant is a 50% Contingent Annuitant Option. Participants may choose another form of payment subject to special Spouse's Rights provisions.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

The retirement benefit for employees entering the Plan on or after November 1, 1985 is equal to the greater of a) 1.1% of 10 consecutive year average compensation prior to termination of employment times years of credited service after October 31, 1985 (up to 30 years) or b) the annual single life annuity provided by the balance in the participant's notional account, annuitized based on the PBGC interest rates and the 1984 Unisex Pension Mortality Table.

The retirement benefit for employees entering the Plan prior to November 1, 1985 is equal to the greater of a) 1.6% of highest 3 consecutive year average compensation during the last 10 years of employment times years of credited service (up to 25 years); plus ½% of such final average compensation times years of credited service in excess of 25 or b) sum of the frozen benefit on November 1, 1985, increased by 32% for employees as of July 1, 1996 plus the annual single life annuity provided by the balances in the participant's notional account, annuitized based on the PBGC interest rates and the 1984 Unisex Pension Mortality Table.

The level of benefits is based principally upon an employee's length of service and level of compensation.

The grandfathered pension formula for benefits provides a pension enhancement for employees hired prior to November 1, 1985 who do not benefit from the previous enhancement effective July 1, 1996.

Administrative Expenses

The Plan pays PBGC premiums, directed trustee fees, investment management fees, sub-advisor fees and certain actuary fees. All other administrative expenses not paid through the Plan are paid by Draper. Expenses that are paid by Draper are excluded from these financial statements.

**B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:**

Basis of Presentation

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

Use of Estimates

The preparation of the Plan's financial statements in conformity with accounting principles generally accepted in the United States of America requires the plan administrator to make significant estimates and assumptions that affect the reported amounts of net assets available for benefits at the date of the financial statements and the actuarial present value of accumulated plan benefits as of the benefit information date, the changes in net assets available for benefits during the reporting period and changes in accumulated plan benefits, and when applicable, the disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants on the measurement date. See Note C for discussion of fair value measurements.

Purchases and sales are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Costs used to determine realized gains and losses are on the average cost basis. Realized and unrealized gains and losses are reported in the accompanying statements of changes in net assets available for benefits as net appreciation (depreciation) in the fair value of investments.

Contributions and Funding Policy

Contributions are made to the Plan by the Employer and are accrued and funded as needed, based upon actuarial estimates of amounts necessary to provide the Plan with assets sufficient to meet the benefits to be paid to plan participants. The yield (interest, dividends, and net realized and unrealized gains and losses) on investments of the Plan serves to reduce future contributions that would otherwise be required to provide for the defined level of benefits under the Plan. The Employer has met the minimum funding requirement of ERISA.

Payment of Benefits

Benefit payments to plan participants are recorded upon distribution.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, which are attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are based principally on an employee's length of service and level of compensation. The accumulated plan benefits for active employees are based on their average compensation during the five years ending on the date as of which the benefit information is presented (the valuation date). Benefits payable under all circumstances - retirement, death, disability, and termination of employment - are included, to the extent they are deemed attributable to employee service rendered to the valuation date. Benefits to be provided via annuity contracts excluded from plan assets are excluded from accumulated plan benefits.

The actuarial present value of accumulated plan benefits is determined by an independent actuary and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawals, or retirement) between the valuation date and the expected date of payment.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

The significant assumptions underlying the actuarial computations at June 30, 2024 and 2023 are:

(a) Investment return	5.75% (net of Plan expenses), previously 5.50%
(b) Discount rate	5.75%, previously 5.50%
(c) Retirement age	ranging from age 55 to age 70, with assumption that 25% (previously 37%) will retire at age 65 and remaining 75% (previously 63%) by age 70  Terminated vested participants are assumed to retire at age 63 (or current age if older)
(d) Mortality	Pri-2012 tables (separate rates for males and females; employees, retirees and contingent survivors; with blue collar adjustment) projected generationally using scale MP-2021

Assumptions related to the annuity conversion in the compensation credit accounts include an interest rate of 5.60% (previously 5.75%) and the use of the 1984 Unisex Pension Mortality Table.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits. The computation of the actuarial present value of accumulated plan benefits were made as of July 1, 2024 and 2023. Had the valuations been performed as of June 30, there would be no material difference.

C. FAIR VALUE MEASUREMENTS:

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (level 3). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

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

*Level 2* - Inputs to 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; 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.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

The asset 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.

Following is a description of the valuation methodologies used by the Plan. There have been no changes in the methodologies used at June 30, 2024 and 2023.

*Deposit administration contract:* Valued at fair value by management by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the creditworthiness of the issuer. In determining the reasonableness of the methodology, Draper evaluates a variety of factors including review of existing contracts, economic conditions, industry and market developments, and overall credit ratings. Certain unobservable inputs are assessed through review of contract terms (for example, minimum crediting rate, duration or payout date) while others are substantiated utilizing available market data (for example, discount rate). If the Plan's interest in the insurance company deposit administration contract was cancelled as of June 30, 2024 or 2023, the Plan would receive the contract value, as determined by TIAA-CREF, less a 3.5% withdrawal charge on 90% of the withdrawal.

*Common collective trusts:* Valued at the net asset value of units of a collective trust. The net asset value, as provided by the fund manager, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value.

*Cash, interest bearing:* Valued at cost, which approximates fair value.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of June 30:

<u>Description:</u>	2024			
	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Deposit administration contract	\$ 728,554	\$ -	\$ -	\$ 728,554
Cash, interest bearing	38,077	38,077	-	-
Total investments in the fair value hierarchy	766,631	<u>\$ 38,077</u>	<u>\$ -</u>	<u>\$ 728,554</u>
Investments measured at net asset value(1):				
Common collective trusts	88,972,454			
Total investments at fair value	\$ 89,739,085			

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

<u>Description:</u>	2023			
	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Deposit administration contract	\$ 728,485	\$ -	\$ -	\$ 728,485
Cash, interest bearing	33,675	33,675	-	-
Total investments in the fair value hierarchy	762,160	\$ 33,675	\$ -	\$ 728,485
Investments measured at net asset value(1):				
Common collective trusts	89,154,167			
Total investments at fair value	\$ 89,916,327			

(1) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair 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.

*Common collective trusts* – There are no unfunded commitments. There are no restrictions on redemptions of these investments.

The following table represents the Plan's level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the ranges and values for those inputs for the year ended June 30, 2024 and 2023:

2024				
<u>Instrument</u>	<u>Fair Value</u>	<u>Principal Valuation Technique</u>	<u>Unobservable Input(s)</u>	<u>Range of Significant Input Values</u>
TIAA Traditional	\$ 728,554	Discounted cash flow	Discount Rate Crediting Interest Rate Duration Payout Date  Payout Percentage	7.47% 5.25% - 6.50% 31 Days 7/31/2024  96.5% of 90% of contract value
2023				
<u>Instrument</u>	<u>Fair Value</u>	<u>Principal Valuation Technique</u>	<u>Unobservable Input(s)</u>	<u>Range of Significant Input Values</u>
TIAA Traditional	\$ 728,485	Discounted cash flow	Discount Rate Crediting Interest Rate Duration Payout Date  Payout Percentage	7.24% 5.85% - 6.60% 31 Days 7/31/2023  96.5% of 90% of contract value

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

Purchases and sales of the Plan's level 3 investments during the year ending June 30, 2024 were \$4,604,481 and \$4,636,882, respectively. There were no transfers into or out of level 3 investments during the year.

D. TAX STATUS:

The Internal Revenue Service ("IRS") has determined and informed Draper by a letter dated January 28, 2021 that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code ("IRC"). The Plan has been amended since receiving the determination letter, however, the plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC. Additionally, the related trust is believed to be tax-exempt as of the financial statement date and, accordingly, no provision for income taxes has been recorded in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require plan management 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 is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

E. TERMINATION:

Although it is the expectation of the Employer that it will continue the Plan as a permanent retirement program for the benefit of its employees, neither the making of contributions, nor the continuance of the Plan is assumed by the Employer as a contractual obligation. The Employer reserves the right at any time to suspend its contributions, to terminate its contributions or terminate the Plan.

In the event of suspension or termination of employer contributions or termination of the Plan, the assets of the Plan shall, after providing for necessary expenses, be allocated to provide benefits for participants and their beneficiaries according to a class order of priority established by ERISA and set forth in the plan document which is made available to participants. The amount of benefit provided for each participant will be equal to the benefit to which such person is entitled under the Plan as of the date of such termination.

The order of priorities is:

- a. Benefits former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired.
- b. Other vested benefits insured by the PBGC, subject to certain limitations.
- c. All other vested benefits (that is, vested benefits not insured by the PBGC).
- d. All nonvested benefits.
- e. Should any assets remain, such assets shall be returned to the Employer.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
NOTES TO FINANCIAL STATEMENTS

---

To the extent that the criteria for a "distress termination" exists, ERISA provides that such unfunded, vested benefits are payable by the PBGC to participants, up to specified limitations as described in ERISA. The PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination. However, there is a statutory ceiling, which is adjusted periodically, on the amount of an individual's monthly benefit that the PBGC guarantees. Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the Plan sponsor and the level of benefits guaranteed by the PBGC.

F. CERTIFIED INVESTMENTS:

Certain information related to investments disclosed in the accompanying financial statements and ERISA-required supplemental schedules, including investments held at June 30, 2024 and 2023, and net appreciation (depreciation) in fair value of investments and interest income for the year ended June 30, 2024, was obtained by management and agreed to or derived from information certified as complete and accurate by TIAA-CREF, and by TIAA Trust, N.A., the custodians of the Plan.

G. PARTY-IN-INTEREST TRANSACTIONS:

Certain investments held by the Plan are managed by affiliates of TIAA-CREF, the insurance company, and Mercer Trust Company. Transactions involving these investments are considered party-in-interest transactions.

H. RISKS AND UNCERTAINTIES:

The plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Market risks include global events which could impact the value of investment securities. 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 the amounts reported in the statement of net assets available for benefits.

Plan contributions are made, and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

I. SUBSEQUENT EVENTS:

The Company has evaluated all subsequent events through April 10, 2025, the date the financial statements were available to be issued.

RETIREMENT PLAN FOR EMPLOYEES OF  
THE CHARLES STARK DRAPER LABORATORY, INC.  
EIN: 04-2505372  
Plan Number: 002

SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)  
June 30, 2024

(a)	(b)	(c)	(d)	(e)
Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity value	Units	Cost	Current value
* TIAA Traditional Annuity Contract, 3.00%	Deposit administration contract	-	\$ 749,121	\$ 728,554
* Mercer US Large Cap Passive Equity CT	Common collective trust	124,191	4,768,934	8,004,079
* Mercer US Small/Mid Cap Equity CT	"	34,768	766,590	1,561,424
* Mercer Emerging Markets Equity CT	"	145,685	1,595,621	1,787,557
* Mercer Global Low Volatility Equity Portfolio	"	47,806	933,957	1,392,124
* Mercer Non-US Core Equity CT	"	157,914	2,924,074	4,325,257
* Mercer Active Inter Cr Fixed Income Port	"	954,367	9,121,878	9,543,675
* Mercer Active Long Corp Inv Portfolio	"	1,808,212	35,938,910	31,227,826
* Mercer Long Duration Passive Fixed Inc CT	"	603,383	12,982,013	11,325,501
* Mercer Long Strips Fixed Income Portfolio	"	1,033,160	13,909,488	10,579,558
* Opportunistic Fixed Income CT	"	555,116	6,170,543	6,611,434
State Street Real Asset NL	"	171,400	<u>1,889,943</u>	<u>2,614,019</u>
Total common collective trusts			91,001,951	88,972,454
* TIAA Cash deposit account	Cash, interest bearing	37,875	<u>37,875</u>	<u>38,077</u>
Total investments			<u>\$ 91,788,947</u>	<u>\$ 89,739,085</u>

\* Denotes party-in-interest to plan.

RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY, INC.  
 EIN: 04-2505372  
 Plan Number: 002

SCHEDULE H, LINE 4(j) - SCHEDULE OF REPORTABLE TRANSACTIONS  
 For the year ended June 30, 2024

(a) Identity of Party Involved	(b) Description of asset (Including Interest Rate and Maturity)	(c) Purchase Price	(d) Selling Price	(g) Cost of Asset	(h) Current Value of Asset on Transaction Date	(l) Net gain (loss)
<u>Single Transactions:</u>						
None						
<u>Series of Transactions:</u>						
Mercer Long Duration Passive Fixed Inc CT	Common collective trust	\$ 4,598,790	\$ 89,021	\$ 93,798	\$ 4,687,811	\$ (4,777)
Mercer Long Strips Fixed Income Portfolio	"	3,245,949	4,049,164	4,640,447	7,295,113	(591,283)



**Schedule SB, line 22 — Description of Weighted Average Retirement Age**

Each employee is assumed to retire in accordance with the table of retirement rates. The proportion of employees expected to retire at each potential retirement age is shown below. The average retirement age is 64.

(A) Retirement age	(B) Retirement percent	(C) Lx	(D) Number of employees expected to retire (B) x (C)	(E) (A) x (D)
55	3.0%	10,000	300	16,500
56	2.1%	9,700	204	11,407
57	2.1%	9,496	199	11,367
58	2.2%	9,297	205	11,863
59	2.2%	9,092	200	11,802
60	5.6%	8,892	498	29,878
61	6.0%	8,394	504	30,723
62	19.0%	7,891	1,499	92,952
63	7.8%	6,391	499	31,408
64	8.5%	5,893	501	32,057
65	37.0%	5,392	1,995	129,678
66	58.8%	3,397	1,997	131,830
67	21.4%	1,400	300	20,067
68	27.3%	1,100	300	20,421
69	37.5%	800	300	20,693
70	100.0%	500	500	34,988
Total			10,000.00	637,635
Average				63.76

<b>Plan Name</b>	<b>Retirement Plan for Employees of The Charles Stark Draper Laboratory, Inc.</b>
<b>Plan Sponsor EIN</b>	<b>04-2505372</b>
<b>ERISA Plan #</b>	<b>002</b>
<b>Plan Year Ending</b>	<b>June 30, 2024</b>

**The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).**

<b>Form/Schedule</b>	<b>Line #</b>	<b>Description</b>	<b>Attachment</b>
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

**Schedule SB, Part V — Summary of Plan Provisions****Summary of major plan provisions**

Effective date and plan year	Original plan: July 1, 1974 Restated plan: July 1, 2014 Plan year: July 1
Status of the plan	The plan has been frozen for benefit accrual purposes since 12/31/2017 and new employees are no longer eligible to participate in the plan.
Significant events that occurred during the year	None.
<b>Definitions</b>	
• Participation	Prior to December 31, 2017, non-exempt employees become participants on the first of the month coinciding with or next following the date on which the employee first meets both of the following requirements: (a) attainment of age 21, and (b) completion of one year of service
• Vesting service	Vesting service is based on the period of service from the date of hire until the date of termination of employment.
• Credited service	Credited service is determined based on the period of service from the date of participation until the date of termination of employment. No credited service is given for service prior to July 1, 1974. The amount of service credit is based on hours worked. A full year is earned for 1,820 hours, a partial year is earned for 1,000 to 1,820 hours and no credit is earned for less than 1,000 hours.
• Basic compensation	Regular basic salary or wage payments from the employer, including payment of accrued vacation at termination of employment, but excluding all other forms of extra compensation.
• Compensation credit account	Each account is credited with monthly compensation credits equal to ten percent of the participant's regular basic salary or wage payment for that month. At the end of each calendar quarter, each participant's Account is increased by an amount equal to one fourth (1/4) of the Interest crediting rate for the plan year.
• Interest Crediting Rate	The PPA third segment rate used for minimum funding for the plan year
<b>Normal retirement</b>	
• Eligibility	First of the month coinciding with or next following the attainment of age 65.
• Benefit	1) For those whose Participation Date is before 11/1/85: The annual normal retirement benefit, payable in the form of a single life annuity, is equal to the greater of (a) or (b), where: (a) is the sum of (i) 1.6% of highest consecutive three-year average salary (out of the last 10 years) multiplied by years of credited service up to 25 years, plus (ii) 0.5% of such average salary multiplied by years of credited service in excess of 25 years. (b) is the sum of (i) the frozen formula benefit based upon salary and service prior to 11/1/85, increased by 32% for employees as of 6/30/96, plus (ii) the annual single life annuity provided by the balance in the participant's Compensation Credit Account, annuitized based on the PBGC interest rates and the 1984 Unisex Pension Mortality Table.

**Schedule SB, Part V — Summary of Plan Provisions**

In addition, former MIT employees who receive a benefit from the MIT plan which does not include the percentage increase in benefits (effective for other MIT participants) for years of service prior to 7/1/83, will receive a supplement equal to the amount of that percentage increase in MIT plan benefits.

2) For those whose Participation Date is on or after 11/1/85:

The annual normal retirement benefit, payable in the form of a single life annuity, is equal to the greater of (a) or (b), where

(a) is 1.1% of final ten-year average salary multiplied by years of credited service up to 30 years.

(b) is the annual single life annuity provided by the balance in the participant's Compensation Credit Account, annuitized based on the PBGC interest rates and the 1984 Unisex Pension Mortality Table.

**Early retirement**

- Eligibility The first of any month (prior to the normal retirement date) following the attainment of age 55 and completion of 10 years of service.
- Benefit If benefits commence prior to the Normal Retirement Date, the final average pay benefits are reduced by .25% for each month by which the benefit commencement date precedes the Normal Retirement Date and the Compensation Credit Account at retirement is converted to an actuarially equivalent immediate annuity.

**Late retirement**

- Eligibility The first of any month after the normal retirement date.
- Benefit The benefit is the greater of (a) the benefit based on the Normal Retirement Benefit formula reflecting average salary and credited service as of the date of termination of employment, and (b) the actuarial equivalent of the benefit based on the Normal Retirement Benefit formula reflecting average salary and credited service as of the Normal Retirement Date.

**Deferred vested**

- Eligibility A participant who terminates employment other than by death or retirement and has completed at least 3 years (5 years prior to July 1, 2008) of vesting service.
- Benefit The benefit commences on the Normal Retirement Date, or a reduced benefit beginning on the first day of any month after attainment of age 55.

**Disability**

- Eligibility A participant who becomes totally and permanently disabled after completing two years of credited service and who receives benefits under the employer's LTD plan is eligible to receive a retirement benefit beginning on the later of (a) his Normal Retirement Date, or (b) five years after becoming disabled, but in no event later than age 70.
- Benefit For purposes of computing the retirement benefit, the participant is credited with service and compensation credits for the period prior to December 31, 2017 in which they received benefits under the employer's LTD plan.

**Pre-retirement death**

- Eligibility Pre-retirement death benefits are payable on behalf of participants who have met the requirements for retirement or termination benefits and who die prior to retirement or termination of employment, or before distribution of benefits has begun, as follows

**Schedule SB, Part V — Summary of Plan Provisions**

<ul style="list-style-type: none"> <li>• <b>Benefit</b></li> </ul>	<ol style="list-style-type: none"> <li>1) For those whose Participation Date is before 7/1/84: The death benefit payable to a surviving spouse is equal to the annual amount that would have been paid as a single life annuity to the participant. If the ages of the deceased participant and the surviving spouse differ by more than three years, the death benefit to the spouse is actuarially adjusted. If the participant has no surviving spouse, the participant's Compensation Credit Account balance is paid to a beneficiary in one lump sum or in annual installments over a period not exceeding fifteen years</li> <li>2) For those whose Participation Date is on or after 7/1/84 but before 11/1/85: If a married participant dies after attaining age 55, the surviving spouse will receive a life annuity benefit equal to 50% of the benefit that would have been paid to the deceased participant, had the participant retired on the day before death with an immediate joint and 50% survivor annuity. If a married participant dies with a vested benefit prior to attaining age 55, the spouse will be entitled to a life annuity, payable as though the participant: (a) separated from service on the date of death; (b) survived to attain age 55; (c) retired on that day with an immediate joint and 50% survivor annuity; and (d) died the following day. If the participant has no surviving spouse, the participant's Compensation Credit Account balance is paid to a beneficiary in one lump sum or in annual installments over a period not exceeding fifteen years.</li> <li>3) For those whose Participation Date is on or after 11/1/85: Fifty percent of the participant's Compensation Credit Account balance is converted into a life annuity for the participant's surviving spouse, beginning at any time after the participant would have attained age 55. The remaining balance in the participant's Compensation Credit Account is paid to a beneficiary in one lump sum or in annual installments over a period not exceeding fifteen years.</li> </ol>
<p><b>Unpredictable contingent event benefits</b></p>	<p>None.</p>
<p><b>Form of benefits</b></p>	
<ul style="list-style-type: none"> <li>• Automatic form for unmarried participants</li> </ul>	<p>Single Life Annuity</p>
<ul style="list-style-type: none"> <li>• Automatic form for married participants</li> </ul>	<p>50% Joint &amp; Survivor Annuity</p>
<ul style="list-style-type: none"> <li>• Optional forms</li> </ul>	<p>Single Life Annuity                      5 Year Certain &amp; Life                      10 Year Certain &amp; Life                      100% Joint and Survivor Annuity                      75% Joint and Survivor Annuity                      66-2/3% Joint and Survivor Annuity                      50% Joint and Survivor Annuity</p>

**Schedule SB, Part V — Summary of Plan Provisions**

• Optional form conversion factors	The actuarial equivalence used in conversion from a single life annuity to the optional forms of payments is the greater of (1) or (2), where: 1) The 1984 Unisex Pension Mortality Table (with no setback) with 6% interest 2) The applicable mortality table specified under 417(e)(3)(B) of the code and applicable interest rates specified under section 417(e)(3)(C) for the April immediately preceding the plan year in which payments begin.
• Actuarial equivalence for converting Compensation Credit Account to annuity	PBGC interest (as described in Appendix C) and UP-1984 mortality in effect as of the first day of the quarter in which the benefit commencement date occurs.
<b>Miscellaneous</b>	
• Maximum compensation	Compensation for any 12-month period used to determine accrued benefits may not exceed the limits in IRC Section 401(a)(17) for the calendar year in which the 12-month period begins. This limit is indexed annually.
• Maximum benefits	Annual benefits may not exceed the limits in IRC Section 415. This limit is indexed annually. For 2023, the limit is \$265,000.

**Benefits included or excluded**

Unless noted below, all benefits provided by the plan are included in this valuation:

- **Most recent plan amendments included:** Amendment 2021-1 updated the actuarial equivalence used in conversion from single life annuity to the other optional annuity forms of payment to use the greater of the UP84 mortality table with 6% interest and the applicable mortality table specified under 417(e)(3)(B) of the code and applicable interest rates specified under section 417(e)(3)(C) for the April immediately preceding the plan year in which payments begin. This amendment was effective July 1, 2021 and was reflected for the first time in June 30, 2021 ASC 715 disclosure and July 1, 2021 funding and CAS valuations.
- **Plan amendments excluded:** None.
- **Late retirement increases:**
  - *Active participants:* The plan applies late retirement actuarial increases for all participants who defer retirement beyond their normal retirement date and this valuation includes those increases.
  - *Deferred vested participants:* Current deferred vested participants over normal retirement age are valued including the late retirement actuarial increase.
- **Internal Revenue Code limitations:** The limitations of Internal Revenue Code Section 415(b) and 401(a)(17) have been incorporated into our calculations.
- **IRC Section 416 rules for top-heavy plans:** We did not test whether this plan is top-heavy (when the present value of benefits for key employees equals or exceeds 60% of the present value for all participants). However, we expect that the plan is not top-heavy due to the large number of rank-and-file participants; therefore, the funding target and target normal cost do not reflect any liability for top-heavy benefit accruals.
- **IRC Section 436 benefit restrictions:** Due to the funding level of this plan, this valuation does not reflect any benefit restrictions.

***Schedule SB, Part V — Summary of Plan Provisions***

- **Scheduled benefit increases:** None.
- **Unpredictable contingent event benefits:** The plan does not have any unpredictable contingent event benefits.

**Plan provision changes since prior valuation**

- Maximum benefit amounts under IRS rules from 2022 to 2023.

**Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**

## Actuarial assumptions for July 1, 2023 funding valuation

Discount rate sponsor elections			
• Segment rates or full yield curve	Segment		
• Look-back months	0		
	<b>Stabilized</b>	<b>Non-stabilized</b>	<b>PBGC</b>
• First 5 years	<u>4.75%</u>	<u>3.22%</u>	<u>5.26%</u>
• Next 15 years	<u>5.00%</u>	<u>4.22%</u>	<u>5.23%</u>
• Over 20 years	<u>5.74%</u>	<u>4.34%</u>	<u>5.16%</u>
Mortality sponsor elections			
• All participants	Section 430(h)(3) prescribed separate static annuitant and nonannuitant mortality tables. These tables are developed by the IRS, based on RP-2014 mortality tables with improvements beyond 2006 removed and projected with mortality improvements using projection scale MP-2021.		
Compensation Credit Account			
• Interest accumulation rate	5.75%		
• Annuity conversion			
– Mortality table	1984 Unisex Pension Mortality Table		
– Interest rate basis	2.25% for plan year 2023, 2.00% for 2024, and 1.75% for 2025+		
Other economic assumptions			
• Expected investment return	5.25% for plan year 2023, 5.00% for 2022, and 5.50% for 2021		
• Salary increases	N/A		
• Expenses	\$500,000		

### Rationale for economic assumptions

- Cash balance interest accumulation rate – The actual interest credit rate in the plan is tied to the third segment rate used for PPA funding purposes. This assumption reflects expected future third segment PPA stabilized rates.
- Cash balance annuity conversion interest rate – based on long-term expectation around PBGC Appendix C interest rates.
- Expected investment return – The expected investment return is based on the median simulated investment return using capital market assumptions published in Mercer Investment Consulting’s Capital Markets Outlook for the plan’s target asset mix, adjusted for assumed alpha and trading expenses.
- Expenses – Estimated based on expected administrative expenses that will be paid from plan assets in the current plan year.

**Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**

**Demographic assumptions**

- Withdrawal Society of Actuaries 2003 Pension Plan Turnover Study Basic Age Table. Sample rates are as follows:

Age	Annual Termination Rate
20	17.5%
25	18.5%
30	12.2%
35	8.8%
40	7.0%
45	6.2%
50	5.6%
55	2.9%
60	2.2%
63 & over	0.0%

- Disability incidence Zero disability incidence assumed.

- Retirement Sample rates are as follows:

Age	Annual Termination Rate
55	3.0%
56	2.1%
57	2.1%
58	2.2%
59	2.2%
60	5.6%
61	6.0%
62	19.0%
63	7.8%
64	8.5%
65	37%
66	58.8%
67	21.4%
68	27.3%
69	37.5%
70 & Over	100.0%

- Benefit commencement age for
  - Future vested deferred 63
  - Current vested deferred 63

**Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**

• Spouse assumptions	Male participants		Female participants
– Percentage married	80%		40%
– Spouse age difference	3 years younger		3 years older
Form of payment	Deferred Beneficiaries	Lump Sum	100%
	All others	Single Life Annuity	55%
		100% Joint and Survivor Annuity	20%
		50% Joint and Survivor Annuity	25%
Unpredictable contingent event assumptions	None.		

**Rationale for demographic assumptions**

- Withdrawal – Based on an experience study completed in 2018.
- Retirement age – Based on an independent experience study in 2015 by prior actuary.
- Benefit commencement age – Based on an independent experience study in 2015 by prior actuary.
- Spouse assumptions – Because the employer does not have enough credible experience to analyze spousal demographics, the assumptions regarding percent married/spouse age difference at benefit commencement are based on the general actuarial experience and discussions with Draper.
- Form of payment – Based on an analysis of retirees in payment status as of July 1, 2018.
- Mortality for annuity conversion – based on provisions of the plan

**Actuarial methods for funding**

**Asset methods**

The asset valuation method is an average of the adjusted market value for each year during the last 2 years preceding the valuation date. The adjusted market value is the market value at each determination date adjusted to the valuation date based on actual cash flows and expected interest at the lesser of the expected rate of return and the third segment rate. This amount is adjusted to be no greater than 110% and no less than 90% of the fair market value, as defined in IRC Section 430.

A characteristic of this asset method is that, over time, it is slightly more likely to produce an actuarial value of assets that is less than the market value of assets than an actuarial value that is greater than the market value.

**Participant methods**

Participants or former participants are included or excluded from the valuation as described below:

- **Participants included:** The plan sponsor and TIAA provided Mercer with data on all participants as of the valuation date.

**Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**

- **Participants excluded:** No actuarial liability is included for non-vested participants who terminated prior to the valuation date. For this purpose, participants with a break in service on the valuation date are treated as terminated participants.
- **Insurance contracts:** Participants and assets used to purchase annuities as of June 30, 2017 are excluded. All other assets are included.

**Minimum funding methods**

The funding target for minimum funding calculations is computed using the traditional unit credit method of funding. The objective under this method is to fund each participant's benefits under the plan as they accrue. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service.

A detailed description of the calculation follows:

- The plan's valuation date is the beginning of the plan year.
- An individual's **funding target** is the present value of future benefits based on credited service and average pay as of the beginning of the plan year, and an individual's **target normal cost** is the present value of the benefit expected to accrue in the plan year. If multiple decrements are used, the funding target and the target normal cost for an individual are the sum of the component funding targets and target normal costs associated with the various anticipated separation dates.
- The plan's **target normal cost** is the sum of the individual target normal costs, and the plan's **funding target** is the sum of the individual funding targets for all participants under the plan.

<b>Plan Name</b>	<b>Retirement Plan for Employees of The Charles Stark Draper Laboratory, Inc.</b>
<b>Plan Sponsor EIN</b>	<b>04-2505372</b>
<b>ERISA Plan #</b>	<b>002</b>
<b>Plan Year Ending</b>	<b>June 30, 2024</b>

**The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).**

<b>Form/Schedule</b>	<b>Line #</b>	<b>Description</b>	<b>Attachment</b>
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  <small>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</small>  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection</b>
---	---	--

For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

▶ **Round off amounts to nearest dollar.**  
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan RETIREMENT PLAN FOR EMPLOYEES OF THE CHARLES STARK DRAPER LABORATORY	<b>B</b> Three-digit plan number (PN) ▶	002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF CHARLES STARK DRAPER LABORATORY	<b>D</b> Employer Identification Number (EIN) 04-2505372	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

**Part I Basic Information**

<b>1</b> Enter the valuation date: Month <u>07</u> Day <u>01</u> Year <u>2023</u>			
<b>2</b> Assets:			
<b>a</b> Market value.....	<b>2a</b>		92,859,810
<b>b</b> Actuarial value.....	<b>2b</b>		102,145,791
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment.....	281	44,568,357	44,568,357
<b>b</b> For terminated vested participants.....	201	16,783,794	16,783,794
<b>c</b> For active participants.....	217	31,995,971	31,995,971
<b>d</b> Total.....	699	93,348,122	93,348,122
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>		
<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	<b>4b</b>		
<b>5</b> Effective interest rate.....	<b>5</b>		5.27%
<b>6</b> Target normal cost			
<b>a</b> Present value of current plan year accruals.....	<b>6a</b>		0
<b>b</b> Expected plan-related expenses.....	<b>6b</b>		500,000
<b>c</b> Target normal cost.....	<b>6c</b>		500,000

**Statement by Enrolled Actuary**  
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>	 Signature of actuary	<u>04/03/2025</u> Date
	Timothy Lazor Type or print name of actuary	<u>2308679</u> Most recent enrollment number
	MERCER Firm name	<u>212-345-0355</u> Telephone number (including area code)
	1166 Avenue of Americas New York NY 10036 Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions



**Part V Assumptions Used to Determine Funding Target and Target Normal Cost**

<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code).....				<b>21b</b> 0
<b>22</b> Weighted average retirement age .....				<b>22</b> 64
<b>23</b> Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined	<input checked="" type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute	

**Part VI Miscellaneous Items**

<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>26</b> Demographic and benefit information		
<b>a</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>b</b> Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment .....	<b>27</b>	

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

<b>28</b> Unpaid minimum required contributions for all prior years.....	<b>28</b>	0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) .....	<b>29</b>	0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29) .....	<b>30</b>	0

**Part VIII Minimum Required Contribution For Current Year**

<b>31</b> Target normal cost and excess assets (see instructions):			
<b>a</b> Target normal cost (line 6c).....	<b>31a</b>	500,000	
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	500,000	
<b>32</b> Amortization installments:	Outstanding Balance	Installment	
<b>a</b> Net shortfall amortization installment .....	0	0	
<b>b</b> Waiver amortization installment .....	0	0	
<b>33</b> If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount .....	<b>33</b>		
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	<b>34</b>	0	
	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement.....			0
<b>36</b> Additional cash requirement (line 34 minus line 35) .....	<b>36</b>	0	
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	<b>37</b>	3,326,295	
<b>38</b> Present value of excess contributions for current year (see instructions)			
<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	3,326,295	
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	0	
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....	<b>39</b>	0	
<b>40</b> Unpaid minimum required contributions for all years.....	<b>40</b>	0	

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

<b>41</b> If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021
--

**Schedule SB, line 24 — Change in Actuarial Assumptions****Actuarial assumption changes since prior valuation****Funding**

- Interest and mortality rates updated from 2022 to 2023 in accordance with PPA.
- The expected return on the assets increased from 5.00% to 5.25%.
- The mortality and interest rates used for optional form annuity conversions were updated based on market conditions as of the valuation date.
- The assumed interest credit was updated from an annual rate of 6.00% to an annual rate of 5.75%.
- The actuarial equivalence interest rates used in the conversion from a cash balance to single life annuity were updated to use flat interest rates that vary depending upon the year of conversion as described below.
  - Rate for conversions in 2023: 2.25%
  - Rate for conversions in 2024: 2.00%
  - Rate for conversions in 2025 and beyond: 1.75%

**Schedule SB, line 26 — Schedule of Active Participant Data**

Attained age	Years of credited service										Total
	Under 1	1–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40 & up	
Under 25											
25–29	1										1
30–34	4	5									9
35–39	3	5	4	2							14
40–44		3	4	4	1						12
45–49	2	5	3	4							14
50–54	1	5	3	3	5						17
55–59	3	7	12	9	11		4	5			51
60–64		10	11	9	13	6	3	9			61
65–69	2	8	5	2	4	1	1	4	2		29
70 & up		1		3	2	1	1			1	9
Total	16	49	42	36	36	8	9	18	2	1	217

The average pay and average compensation credit account balance are not shown for each age / service group because the plan has less than 1,000 active participants.