

<b>Form 5500</b>  Department of the Treasury Internal Revenue Service  Department of Labor Employee Benefits Security Administration  Pension Benefit Guaranty Corporation	<b>Annual Return/Report of Employee Benefit Plan</b>  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).  <b>▶ Complete all entries in accordance with the instructions to the Form 5500.</b>	OMB Nos. 1210-0110 1210-0089  <div style="font-size: 24pt; font-weight: bold; text-align: center;">2024</div>  <b>This Form is Open to Public Inspection</b>
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<b>Part I</b>	<b>Annual Report Identification Information</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

**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) P

**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. . . . .

<b>Part II</b>	<b>Basic Plan Information—enter all requested information</b>
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<b>1a</b> Name of plan <u>SIA-E5 (NON-CLIENT SAGIC CORE BOND II)</u>	<b>1b</b> Three-digit plan number (PN) ▶ <u>182</u>  <b>1c</b> Effective date of plan
<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>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>  <u>1295 STATE STREET</u> <u>SPRINGFIELD, MA 01111</u>	<b>2b</b> Employer Identification Number (EIN) <u>90-0342299</u>  <b>2c</b> Plan Sponsor's telephone number <u>303-737-1442</u>  <b>2d</b> Business code (see instructions)

**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>		Date	
	Signature of plan administrator		Enter name of individual signing as plan administrator
<b>SIGN HERE</b>		Date	
	Signature of employer/plan sponsor		Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>	<u>Filed with authorized/valid electronic signature.</u>	<u>09/09/2025</u>	<u>MICHAEL LEWIS</u>
	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  <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
<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>
<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.....	<div style="background-color: #cccccc; height: 20px; width: 100%;"></div> <b>6a(1)</b> <b>6a(2)</b> <b>6b</b> <b>6c</b> <b>6d</b> <b>6e</b> <b>6f</b> <b>6g(1)</b> <b>6g(2)</b> <b>6h</b>
<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:

**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) (1) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor	<b>9b</b> Plan benefit arrangement (check all that apply) (1) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor
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**10** Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

<b>a Pension Schedules</b> (1) <input type="checkbox"/> <b>R</b> (Retirement Plan Information) (2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary (4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____ (5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)	<b>b General Schedules</b> (1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information) (2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan) (3) <input type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>  0  </u> (4) <input type="checkbox"/> <b>C</b> (Service Provider Information) (5) <input checked="" type="checkbox"/> <b>D</b> (DFE/Participating Plan Information) (6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules)
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**Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)**

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**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.

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**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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 0

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<b>SCHEDULE D</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>	<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>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>SIA-E5 (NON-CLIENT SAGIC CORE BOND II)</u>	<b>B</b> Three-digit plan number (PN)	<u>182</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>	<b>D</b> Employer Identification Number (EIN) <u>90-0342299</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)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</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>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
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<b>Part II</b>		<b>Information on Participating Plans (to be completed by DFEs, other than DCGs)</b>	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
<b>a</b>	Plan name	AMERICAN HEALTH NETWORK, INC. 401(K)	
<b>b</b>	Name of plan sponsor	AHN TARGET HOLDINGS, LLC	<b>c</b> EIN-PN 35-2582899-001
<b>a</b>	Plan name	ALDRIDGE GROUP, LLC 401(K) RETIREME	
<b>b</b>	Name of plan sponsor	ALDRIDGE GROUP, LLC	<b>c</b> EIN-PN 46-4566651-001
<b>a</b>	Plan name	ALDRIDGE CONSTRUCTION, INC. 401(K)	
<b>b</b>	Name of plan sponsor	ALDRIDGE GROUP, LLC	<b>c</b> EIN-PN 45-2044563-001
<b>a</b>	Plan name	NORTH ATLANTIC STATES CARPENTERS AN	
<b>b</b>	Name of plan sponsor	ANNUITY FUND	<b>c</b> EIN-PN 06-1308364-001
<b>a</b>	Plan name	BECKER & POLIAKOFF, P.A. 401(K) PRO	
<b>b</b>	Name of plan sponsor	BECKER & POLIAKOFF, P.A.	<b>c</b> EIN-PN 59-1640708-001
<b>a</b>	Plan name	LOCAL NO. 8 IBEW RETIREMENT PLAN &	
<b>b</b>	Name of plan sponsor	BOARD OF TRUSTEES, IBEW LOCAL	<b>c</b> EIN-PN 34-6596899-001
<b>a</b>	Plan name	CHICKASAW NATION GOVERNMENTAL ENTER	
<b>b</b>	Name of plan sponsor	CHICKASAW NATION	<b>c</b> EIN-PN 73-1374986-002
<b>a</b>	Plan name	CHICKASAW NATION GOVERNMENTAL 401(K)	
<b>b</b>	Name of plan sponsor	CHICKASAW NATION	<b>c</b> EIN-PN 73-1374986-002
<b>a</b>	Plan name	HOUSING AUTHORITY OF THE CHICKASAW	
<b>b</b>	Name of plan sponsor	CHICKASAW NATION	<b>c</b> EIN-PN 73-0762685-001
<b>a</b>	Plan name	SOVEREIGN NATIVE HOLDCO, LLC 401(K)	
<b>b</b>	Name of plan sponsor	CHICKASAW NATION	<b>c</b> EIN-PN 46-2960654-001
<b>a</b>	Plan name	THE CITY OF MOORE DEFERRED COMPENSA	
<b>b</b>	Name of plan sponsor	CITY OF MOORE	<b>c</b> EIN-PN 73-6005334-001
<b>a</b>	Plan name	THE CITY OF MOORE RETIREMENT PLAN	
<b>b</b>	Name of plan sponsor	CITY OF MOORE	<b>c</b> EIN-PN 73-6005334-002

<b>Part II</b>		<b>Information on Participating Plans (to be completed by DFEs, other than DCGs)</b>	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
<b>a</b>	Plan name	DMLO 401(K) RETIREMENT PLAN	
<b>b</b>	Name of plan sponsor	DEMING, MALONE, LIVESAY	<b>c</b> EIN-PN 61-1064249-001
<b>a</b>	Plan name	DESTINATION MATERNITY CORPORATION 4	
<b>b</b>	Name of plan sponsor	DESTINATION MATERNITY CORPORATION	<b>c</b> EIN-PN 13-3045573-001
<b>a</b>	Plan name	DIAGNOSTIC RADIOLOGY & IMAGING 401(	
<b>b</b>	Name of plan sponsor	DIAGNOSTIC RADIOLOGY & IMAGING, LLC	<b>c</b> EIN-PN 56-2048775-001
<b>a</b>	Plan name	KIMBLE CHASE LIFE SCIENCE AND RESEA	
<b>b</b>	Name of plan sponsor	DWK LIFE SCIENCES, LLC	<b>c</b> EIN-PN 26-0164123-001
<b>a</b>	Plan name	FLIGHTSAFETY EMPLOYEES' 401(K) RETI	
<b>b</b>	Name of plan sponsor	FLIGHTSAFETY INTERNATIONAL INC.	<b>c</b> EIN-PN 36-3244473-002
<b>a</b>	Plan name	FLIGHTSAFETY EMPLOYEES' 401(K) RETI	
<b>b</b>	Name of plan sponsor	FLIGHTSAFETY INTERNATIONAL INC.	<b>c</b> EIN-PN 11-3372029-333
<b>a</b>	Plan name	GREENSBORO RADIOLOGY, P.A. 401(K) P	
<b>b</b>	Name of plan sponsor	GREENSBORO RADIOLOGY, P.A.	<b>c</b> EIN-PN 56-0942865-002
<b>a</b>	Plan name	IBEW LOCAL 351 SURETY PLAN	
<b>b</b>	Name of plan sponsor	IBEW LOCAL 351 SURETY PLAN	<b>c</b> EIN-PN 22-3431479-002
<b>a</b>	Plan name	INTERNATIONAL BROTHERHOOD OF ELECTR	
<b>b</b>	Name of plan sponsor	IBEW LOCAL UNION NO. 99	<b>c</b> EIN-PN 05-6049537-002
<b>a</b>	Plan name	INTEGRATED FINANCIAL SETTLEMENTS, I	
<b>b</b>	Name of plan sponsor	INTEGRATED FINANCIAL SETTLEMENTS	<b>c</b> EIN-PN 20-4029426-001
<b>a</b>	Plan name	INVESTORS TITLE COMPANY AND AFFILIA	
<b>b</b>	Name of plan sponsor	INVESTORS TITLE INSURANCE CO.	<b>c</b> EIN-PN 56-0997685-001
<b>a</b>	Plan name	KAYSER-ROTH CORPORATION EMPLOYEES'	
<b>b</b>	Name of plan sponsor	KAYSER-ROTH CORPORATION	<b>c</b> EIN-PN 94-2974014-065

<b>Part II</b>		<b>Information on Participating Plans (to be completed by DFEs, other than DCGs)</b>	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
<b>a</b>	Plan name	KLEINERT, KUTZ & ASSOCIATES HAND CA	
<b>b</b>	Name of plan sponsor	KLEINERT KUTZ & ASSOC	<b>c</b> EIN-PN 61-0572253-008
<b>a</b>	Plan name	CHRISTINE M KLEINERT INSTITUTE FOR	
<b>b</b>	Name of plan sponsor	KLEINERT KUTZ & ASSOC	<b>c</b> EIN-PN 61-1110645-008
<b>a</b>	Plan name	MAHLE 401(K) ASSET ACCUMULATION PLA	
<b>b</b>	Name of plan sponsor	MAHLE INDUSTRIES, INCORPORATED	<b>c</b> EIN-PN 58-2431334-004
<b>a</b>	Plan name	MAHLE INDUSTRIES MANCHESTER HOURLY	
<b>b</b>	Name of plan sponsor	MAHLE INDUSTRIES, INCORPORATED	<b>c</b> EIN-PN 58-2431334-110
<b>a</b>	Plan name	MAHLE - UAW RETIREMENT AND SAVINGS	
<b>b</b>	Name of plan sponsor	MAHLE INDUSTRIES, INCORPORATED	<b>c</b> EIN-PN 58-2431334-108
<b>a</b>	Plan name	UNITED STEELWORKERS OF AMERICA (USW)	
<b>b</b>	Name of plan sponsor	MAHLE INDUSTRIES, INCORPORATED	<b>c</b> EIN-PN 58-2431334-121
<b>a</b>	Plan name	MAHLE INDUSTRIES 401(K) SAVINGS PLA	
<b>b</b>	Name of plan sponsor	MAHLE INDUSTRIES, INCORPORATED	<b>c</b> EIN-PN 58-2431334-138
<b>a</b>	Plan name	MARQUETTE PARTNERS, L.P. 401(K) PLA	
<b>b</b>	Name of plan sponsor	MARQUETTE PARTNERS, L.P.	<b>c</b> EIN-PN 36-3751960-001
<b>a</b>	Plan name	THE MASSACHUSETTS MEDICAL SOCIETY S	
<b>b</b>	Name of plan sponsor	MASSACHUSETTS MEDICAL SOCIETY	<b>c</b> EIN-PN 04-2050773-002
<b>a</b>	Plan name	MIDREX 401(K) PLAN	
<b>b</b>	Name of plan sponsor	MIDREX TECHNOLOGIES, INC.	<b>c</b> EIN-PN 52-1791274-002
<b>a</b>	Plan name	NIXON POWER SERVICES 401(K) PLAN	
<b>b</b>	Name of plan sponsor	NIXON POWER SERVICES	<b>c</b> EIN-PN 42-1608629-001
<b>a</b>	Plan name	NORRIS MCLAUGHLIN, P.A. THRIFT SAVI	
<b>b</b>	Name of plan sponsor	NORRIS MCLAUGHLIN, P.A.	<b>c</b> EIN-PN 62-1408127-002

<b>Part II</b>		<b>Information on Participating Plans (to be completed by DFEs, other than DCGs)</b>	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
<b>a</b>	Plan name	NORRIS MCLAUGHLIN, P.A. 401(K) PLAN	
<b>b</b>	Name of plan sponsor	NORRIS MCLAUGHLIN, P.A.	<b>c</b> EIN-PN 62-1408127-003
<b>a</b>	Plan name	PACIFIC DENTAL SERVICES, LLC 401(K)	
<b>b</b>	Name of plan sponsor	PACIFIC DENTAL SERVICES, LLC	<b>c</b> EIN-PN 33-0681491-001
<b>a</b>	Plan name	PINTO VALLEY MINING CORP. RETIREMEN	
<b>b</b>	Name of plan sponsor	PINTO VALLEY MINING CORP.	<b>c</b> EIN-PN 98-1112044-002
<b>a</b>	Plan name	PINTO VALLEY MINING CORP. RETIREMEN	
<b>b</b>	Name of plan sponsor	PINTO VALLEY MINING CORP.	<b>c</b> EIN-PN 46-2885758-001
<b>a</b>	Plan name	PIPE FITTERS' INDIVIDUAL ACCOUNT AN	
<b>b</b>	Name of plan sponsor	PIPE FITTERS ASSOC. LOCAL 597	<b>c</b> EIN-PN 36-1820310-002
<b>a</b>	Plan name	PLUMBERS & PIPEFITTERS LOCAL 9 SURE	
<b>b</b>	Name of plan sponsor	PLUMBERS & PIPEFITTERS LOCAL 9	<b>c</b> EIN-PN 22-2383293-001
<b>a</b>	Plan name	VIRGINIA PORT AUTHORITY DEFERRED CO	
<b>b</b>	Name of plan sponsor	PORT OF VIRGINIA	<b>c</b> EIN-PN 54-6001785-001
<b>a</b>	Plan name	VIRGINIA PORT AUTHORITY DEFINED CON	
<b>b</b>	Name of plan sponsor	PORT OF VIRGINIA	<b>c</b> EIN-PN 54-6001785-002
<b>a</b>	Plan name	VIRGINIA INTERNATIONAL TERMINALS, L	
<b>b</b>	Name of plan sponsor	PORT OF VIRGINIA	<b>c</b> EIN-PN 54-1187491-003
<b>a</b>	Plan name	VIRGINIA INTERNATIONAL TERMINALS, L	
<b>b</b>	Name of plan sponsor	PORT OF VIRGINIA	<b>c</b> EIN-PN 54-1187491-004
<b>a</b>	Plan name	PRECISION VALVE CORPORATION RETIREM	
<b>b</b>	Name of plan sponsor	PRECISION VALVE CORPORATION	<b>c</b> EIN-PN 13-1725893-003
<b>a</b>	Plan name	R.W. SCREW, LLC 401(K) PROFIT SHARI	
<b>b</b>	Name of plan sponsor	R.W. SCREW, LLC	<b>c</b> EIN-PN 81-4393041-001

<b>Part II</b>		<b>Information on Participating Plans (to be completed by DFEs, other than DCGs)</b>	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
<b>a</b>	Plan name	REFRIGERATION, AIR CONDITIONING AND	
<b>b</b>	Name of plan sponsor	REFRIGERATION, A/C AND SERVICE	<b>c</b> EIN-PN 22-2585171-002
<b>a</b>	Plan name	ROSS CONTROLS RETIREMENT PLAN	
<b>b</b>	Name of plan sponsor	ROSS CONTROLS	<b>c</b> EIN-PN 38-0985950-005
<b>a</b>	Plan name	ROSS OPERATING VALVE CO. PENSION AN	
<b>b</b>	Name of plan sponsor	ROSS CONTROLS	<b>c</b> EIN-PN 38-0985950-006
<b>a</b>	Plan name	ROSS DECCO COMPANY 401(K) PLAN	
<b>b</b>	Name of plan sponsor	ROSS CONTROLS	<b>c</b> EIN-PN 45-4017428-003
<b>a</b>	Plan name	SCHIFF HARDIN LLP INCENTIVE SAVINGS	
<b>b</b>	Name of plan sponsor	SCHIFF HARDIN LLP	<b>c</b> EIN-PN 36-3184453-007
<b>a</b>	Plan name	SCHIFF HARDIN LLP PROFESSIONAL RETI	
<b>b</b>	Name of plan sponsor	SCHIFF HARDIN LLP	<b>c</b> EIN-PN 36-3184453-001
<b>a</b>	Plan name	STEAMFITTERS SURETY FUND LOCAL UNIO	
<b>b</b>	Name of plan sponsor	STEAMFITTERS LOCAL 475	<b>c</b> EIN-PN 22-2351695-004
<b>a</b>	Plan name	STEAMFITTERS LOCAL UNION NO. 420 SU	
<b>b</b>	Name of plan sponsor	STEAMFITTERS LOCAL UNION 420	<b>c</b> EIN-PN 23-2495379-002
<b>a</b>	Plan name	SYMRISE INC. EMPLOYEE SAVINGS PLAN	
<b>b</b>	Name of plan sponsor	SYMRISE INC.	<b>c</b> EIN-PN 22-1682840-002
<b>a</b>	Plan name	TOGETHER CREDIT UNION 401(K) PLAN	
<b>b</b>	Name of plan sponsor	TOGETHER CREDIT UNION	<b>c</b> EIN-PN 43-0160998-002
<b>a</b>	Plan name	401(K) PLAN FOR EMPLOYEES OF TRANS-	
<b>b</b>	Name of plan sponsor	TRANS-MATIC MFG. CO., INC.	<b>c</b> EIN-PN 38-1870157-001
<b>a</b>	Plan name	TUV RHEINLAND 401(K) PROFIT SHARING	
<b>b</b>	Name of plan sponsor	TUV RHEINLAND OF NORTH AMERICA	<b>c</b> EIN-PN 26-2797284-001

**Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)**  
 (Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

<b>a</b> Plan name	TRIS 401(K) SAVINGS PLAN	
<b>b</b> Name of plan sponsor	TUV RHEINLAND OF NORTH AMERICA	<b>c</b> EIN-PN 26-2797284-002
<b>a</b> Plan name	TUV RHEINLAND OPENSKY INC. 401(K) P	
<b>b</b> Name of plan sponsor	TUV RHEINLAND OF NORTH AMERICA	<b>c</b> EIN-PN 27-1506137-001
<b>a</b> Plan name	VACO 401(K) PLAN	
<b>b</b> Name of plan sponsor	VACO	<b>c</b> EIN-PN 46-0863705-001
<b>a</b> Plan name	VIRGINIA PORT AUTHORITY DEFINED BEN	
<b>b</b> Name of plan sponsor	VIRGINIA PORT AUTHORITY	<b>c</b> EIN-PN 54-6001785-001
<b>a</b> Plan name	VISIT ORLANDO 401(K) PLAN	
<b>b</b> Name of plan sponsor	VISIT ORLANDO	<b>c</b> EIN-PN 59-2395248-001
<b>a</b> Plan name	VIVID PATHOLOGY, P.A. PROFIT SHARIN	
<b>b</b> Name of plan sponsor	VIVID PATHOLOGY, P.A.	<b>c</b> EIN-PN 59-1278497-002
<b>a</b> Plan name	WRIGHT-PATT CREDIT UNION, INC. 401(	
<b>b</b> Name of plan sponsor	WRIGHT-PATT CREDIT UNION, INC.	<b>c</b> EIN-PN 31-0278870-033
<b>a</b> Plan name		
<b>b</b> Name of plan sponsor		<b>c</b> EIN-PN
<b>a</b> Plan name		
<b>b</b> Name of plan sponsor		<b>c</b> EIN-PN
<b>a</b> Plan name		
<b>b</b> Name of plan sponsor		<b>c</b> EIN-PN
<b>a</b> Plan name		
<b>b</b> Name of plan sponsor		<b>c</b> EIN-PN
<b>a</b> Plan name		
<b>b</b> Name of plan sponsor		<b>c</b> EIN-PN

<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>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>SIA-E5 (NON-CLIENT SAGIC CORE BOND II)</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>182</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>MASSACHUSETTS MUTUAL LIFE INSURANCE</b>	<b>D</b> Employer Identification Number (EIN) <b>90-0342299</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**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>	214468	0
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>		
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>		
<b>(3)</b> Other .....	<b>1b(3)</b>	-646895	318565
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	8218707	15279816
<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>	1567342618	1415348971
<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>		
<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>		
<b>(15)</b> Other .....	<b>1c(15)</b>		

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	1575128898	1430947352
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>	557110	4299748
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	557110	4299748
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	1574571788	1426647604

**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: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>		
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>		
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>		
(2) Noncash contributions.....	<b>2a(2)</b>		
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		0
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>	311829	
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	64966487	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>		
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>		
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	-382822	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		64895494
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>		
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>		
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		0
(3) Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	-11818812	
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	1384711675	
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		-1396530487
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>		
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts .....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts .....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities .....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	2b(10)		
<b>c</b> Other income .....	2c		-4821995
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	2d		-1336456988

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	2e(1)		
(2) To insurance carriers for the provision of benefits .....	2e(2)		
(3) Other .....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3) .....	2e(4)		0
<b>f</b> Corrective distributions (see instructions) .....	2f		
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	2g		
<b>h</b> Interest expense .....	2h		
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	2i(1)		
(2) Contract administrator fees .....	2i(2)	4815292	
(3) Recordkeeping fees .....	2i(3)		
(4) IQPA audit fees .....	2i(4)		
(5) Investment advisory and investment management fees .....	2i(5)	1504466	
(6) Bank or trust company trustee/custodial fees .....	2i(6)		
(7) Actuarial fees .....	2i(7)		
(8) Legal fees .....	2i(8)		
(9) Valuation/appraisal fees .....	2i(9)		
(10) Other trustee fees and expenses .....	2i(10)		
(11) Other expenses .....	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11) .....	2i(12)		6319758
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	2j		6319758

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line 2j from line 2d .....	2k		-1342776746
<b>l</b> Transfers of assets:			
(1) To this plan .....	2l(1)		1194852562
(2) From this plan .....	2l(2)		

**Part III Accountant's Opinion**

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

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

(1)  Unmodified (2)  Qualified (3)  Disclaimer (4)  Adverse

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

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

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

(1) Name:

(2) EIN:

**d** The opinion of an independent qualified public accountant is **not attached** 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.)			
<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.)			
<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.)			
<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.)			
<b>e</b> Was this plan covered by a fidelity bond?			
<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?			
<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?			
<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?			
<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.)			
<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.)			
<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?			
<b>l</b> Has the plan failed to provide any benefit when due under the plan?			
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
<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 \_\_\_\_\_.