

Form 5500

Annual Return/Report of Employee Benefit Plan

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

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

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

Part I Annual Report Identification Information

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... [X] a single-employer plan [ ] a DFE... B This return/report is: [ ] the first return/report [ ] the final return/report... C If the plan is a collectively-bargained plan, check here... D Check box if filing under: [X] Form 5558 [ ] automatic extension... E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here...

Part II Basic Plan Information—enter all requested information

1a Name of plan BLUEFORS CRYOCOOLER TECHNOLOGIES INC. 401K PLAN 1b Three-digit plan number (PN) 001 1c Effective date of plan 07/01/1990 2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) BLUEFORS CRYOCOOLER TECHNOLOGIES INC. 6682 MOORE RD SYRACUSE, NY 13211-2106 2b Employer Identification Number (EIN) 92-0558960 2c Plan Sponsor's telephone number 315-455-2555 2d Business code (see instructions) 339900

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

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

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

<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>	198
<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>	161
	<b>6a(2)</b>	196
	<b>6b</b>	0
	<b>6c</b>	40
	<b>6d</b>	236
	<b>6e</b>	0
	<b>6f</b>	236
	<b>6g(1)</b>	196
<b>6g(2)</b>	229	
<b>6h</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:  
2A 2E 2F 2G 2T 2J 3H 3D

**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 type="checkbox"/> Insurance	(1) <input 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)

<b>a Pension Schedules</b>	<b>b General Schedules</b>
(1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)	(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)
(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)
(3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) <input type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>0</u>
(4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____	(4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information)
(5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)	(5) <input 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 \_\_\_\_\_

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<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>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 <b>BLUEFORS CRYOCOOLER TECHNOLOGIES INC. 401K PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>BLUEFORS CRYOCOOLER TECHNOLOGIES INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>92-0558960</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

**FIDELITY INVESTMENTS INSTITUTIONAL**

**04-2647786**

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

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

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

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

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

BLUE WATER CAPITAL MANAGEMENT LLC

20-8648739

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	ADVISOR	38714	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 60 64 65	RECORDKEEPER	2369	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input 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.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMG GW&K ESG BOND I - BNY MELLON I  04-2539562	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BAIRD AGGR BOND INST - US BANCORP  39-0281260	0.02%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BAIRD SH TM BOND IS - US BANCORP F  39-0281260	0.02%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BNYM S/MD CP GR I - BNY MELLON TRA DREYFUS TRANSFER INC 200 PARK AVENUE NEW YORK, NY 10166	0.35%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CAUSEWAY INTL VAL IS - SS&C GIDS, 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CULLEN HGH DIV EQ I - PARALEL TECH 1700 BROADWAY, SUITE 1230 DENVER, CO 80290	0.15%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
EV HIGH INCOME OPP I - BNY MELLON 500 ROSS STREET PITTSBURGH, PA 53442	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
GS EMRG MKT DEBT I - GOLDMAN SACHS  13-5108880	0.12%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JHANCOCK DSCPL VAL I - JOHN HANCOCK  01-0233346	0.10%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
NB STRATEGIC INC IS - SS&C GLOBAL 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
NORTHERN SM CAP VAL - THE NORTHERN 50 SOUTH LASALLE ST CHICAGO, GB E14 5 US	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
OBERWEIS INTL OPP IS - UMB FUND SE  39-1657495	0.15%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PARNASSUS MID CAP IS - ULTIMUS FUN  31-1663251	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PIONEER FDMTL GRTH Y - BNY MELLON 500 ROSS STREET PITTSBURGH, PA 53442	0.35%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ROYCE SMCPSPLEQ IS - SS&C GIDS, IN 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.05%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
TOUCHSTN MID CAP IS - BNY MELLON I 500 ROSS STREET PITTSBURGH, PA 53442	0.07%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VRTS SGA EM MKT EQ I - VIRTUS FUND 4400 COMPUTER DRIVE WESTBOROUGH, MA 01581	0.25%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VRTS SGA INTL GR I - VIRTUS FUND S 4400 COMPUTER DRIVE WESTBOROUGH, MA 01581	0.40%	

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VT INTL SM CAP Y - FIS INVESTOR SE 14785 PRESTON ROAD SUITE 1000 DALLAS, TX 75254	0.25%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

**Part II Service Providers Who Fail or Refuse to Provide Information**

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

<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 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>	OMB No. 1210-0110  <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>BLUEFORS CRYOCOOLER TECHNOLOGIES INC. 401K PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>BLUEFORS CRYOCOOLER TECHNOLOGIES INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>92-0558960</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>	0	0
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	0	0
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	0	0
<b>(3)</b> Other .....	<b>1b(3)</b>	0	0
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	540782	552913
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	0	0
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	0	0
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	0	0
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	0	0
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	0	0
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	0	0
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	0	0
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	0	0
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	298460	333908
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	0	0
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>	0	0
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	0	0
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	0	0
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	19516834	22998232
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>	0	0
<b>(15)</b> Other .....	<b>1c(15)</b>	0	0

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>	0	0
(2) Employer real property.....	<b>1d(2)</b>	0	0
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>	0	0
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	20356076	23885053
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>	0	0
<b>h</b> Operating payables.....	<b>1h</b>	0	0
<b>i</b> Acquisition indebtedness.....	<b>1i</b>	0	0
<b>j</b> Other liabilities.....	<b>1j</b>	0	0
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	20356076	23885053

**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>	457376	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	912330	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	595597	
(2) Noncash contributions.....	<b>2a(2)</b>	0	1965303
(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>		
<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>	28034	58178
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	0	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>	0	
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>	0	
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	30144	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	0	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		58178
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>	0	1360293
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>	0	
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	1360293	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		1360293
<b>(3)</b> Rents.....	<b>2b(3)</b>		0
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	0	0
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	0	
<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>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>	0	0
<b>(B)</b> Other.....	<b>2b(5)(B)</b>	0	
<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 .....	<b>2b(6)</b>		0
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		0
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		0
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		1224774
<b>c</b> Other income .....	<b>2c</b>		0
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		4608548

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	1005589	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>	0	
(3) Other .....	<b>2e(3)</b>	0	
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		1005589
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		29074
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		0
<b>h</b> Interest expense .....	<b>2h</b>		0
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>	0	
(2) Contract administrator fees .....	<b>2i(2)</b>	0	
(3) Recordkeeping fees .....	<b>2i(3)</b>	2369	
(4) IQPA audit fees .....	<b>2i(4)</b>	0	
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>	42539	
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>	0	
(7) Actuarial fees .....	<b>2i(7)</b>	0	
(8) Legal fees .....	<b>2i(8)</b>	0	
(9) Valuation/appraisal fees .....	<b>2i(9)</b>	0	
(10) Other trustee fees and expenses .....	<b>2i(10)</b>	0	
(11) Other expenses .....	<b>2i(11)</b>	0	
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		44908
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		1079571

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		3528977
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		0
(2) From this plan .....	<b>2l(2)</b>		0

**Part III Accountant's Opinion**

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

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

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

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

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

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

(1) Name: **DERMODY, BURKE & BROWN, CPAS, LLC**

(2) EIN: **01-0723685**

**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		1000000
<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.		X	

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

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

<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 \_\_\_\_\_.

<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>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>BLUEFORS CRYOCOOLER TECHNOLOGIES INC. 401K PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>BLUEFORS CRYOCOOLER TECHNOLOGIES INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>92-0558960</u>	

<b>Part I</b>	<b>Distributions</b>
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**All references to distributions relate only to payments of benefits during the plan year.**

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

**2** Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):  
 EIN(s): 04-6568107

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

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

<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>
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**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 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702438A.

**B**LUEFORS CRYOCOOLER  
TECHNOLOGIES, INC. 401(k) PLAN

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*FINANCIAL STATEMENTS*  
December 31, 2024 and 2023

# Table of Contents

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## BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN

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Dermody, Burke & Brown, CPAs, LLC

## INDEPENDENT AUDITORS' REPORT

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### PLAN ADMINISTRATOR BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN

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

We have performed audits of the accompanying financial statements of **BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

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

Management has obtained a certification from a qualified institution as of December 31, 2024 and 2023, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

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## **Opinion**

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

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

## **Basis for Opinion**

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. 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 Bluefors Cryocooler Technologies, Inc. 401(k) 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 accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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

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

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## **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 generally accepted auditing standards 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 generally accepted auditing standards, 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 Bluefors Cryocooler Technologies, Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Bluefors Cryocooler Technologies, Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

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

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**Auditor’s Responsibilities for the Audit of the Financial Statements – Continued**

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

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

**Other Matter – Supplemental Schedule Required by ERISA**

The supplemental schedule of assets (held at end of year) as of December 31, 2024 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with generally accepted auditing standards. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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**Other Matter – Supplemental Schedule Required by ERISA – Continued**

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

In our opinion:

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

*Dermody, Burke & Brown*

**DERMODY, BURKE & BROWN, CPAs, LLC**

Syracuse, NY

October 10, 2025

**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN****AUDITED FINANCIAL STATEMENTS****STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

December 31, 2024 and 2023

	<b>2024</b>	<b>2023</b>
<b>ASSETS</b>		
<b>INVESTMENTS, AT FAIR VALUE</b>		
Mutual Funds	\$ 22,998,232	\$ 19,516,834
Interest Bearing Cash	<u>552,913</u>	<u>540,782</u>
Total Investments at Fair Value	23,551,145	20,057,616
<b>RECEIVABLES</b>		
Employer Contributions	1,245	6,205
Participant Contributions	2,292	12,210
Notes Receivable from Participants	<u>333,908</u>	<u>298,460</u>
Total Receivables	<u>337,445</u>	<u>316,875</u>
Total Assets	23,888,590	20,374,491
<b>LIABILITIES</b>		
Excess Contributions Payable	<u>0</u>	<u>25,331</u>
Total Liabilities	<u>0</u>	<u>25,331</u>
<b>NET ASSETS AVAILABLE FOR BENEFITS</b>	<u><u>\$ 23,888,590</u></u>	<u><u>\$ 20,349,160</u></u>

See notes to financial statements.

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS**

Years Ended December 31, 2024 and 2023

	2024	2023
INVESTMENT INCOME (LOSS)		
Net Appreciation in Fair Value of Investments	\$ 1,224,774	\$ 1,953,192
Dividend and Interest Income on Investments	<u>1,388,327</u>	<u>562,936</u>
Total Investment Income	2,613,101	2,516,128
INTEREST INCOME ON NOTES RECEIVABLE FROM PARTICIPANTS	30,144	18,740
CONTRIBUTIONS		
Employer	452,416	326,510
Participants	902,412	699,016
Rollovers	<u>595,597</u>	<u>6,062,590</u>
Total Contributions	<u>1,950,425</u>	<u>7,088,116</u>
Total Additions	4,593,670	9,622,984
DEDUCTIONS		
Benefits Paid to Participants	1,009,332	599,958
Administrative Expenses	<u>44,908</u>	<u>31,547</u>
Total Deductions	<u>1,054,240</u>	<u>631,505</u>
CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS	3,539,430	8,991,479
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of Year	<u>20,349,160</u>	<u>11,357,681</u>
End of Year	<u>\$ 23,888,590</u>	<u>\$ 20,349,160</u>

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See notes to financial statements.

## BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN

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### NOTES TO FINANCIAL STATEMENTS

December 31, 2024 and 2023

#### NOTE 1 – DESCRIPTION OF PLAN

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The following description of the Bluefors Cryocooler Technologies, Inc. 401(k) Plan (“the Plan”) provides only general information. Participants should refer to the Plan Document for a complete description of the Plan’s provisions.

##### **General**

Cryomech, Inc. established the Plan effective July 1, 1990 as a means for eligible employees to save for retirement. On March 25, 2023, Bluefors Cryocooler Technologies, Inc. (“the Company” or “the Sponsor”) acquired substantially all the assets of Cryomech Inc. Bluefors Cryocooler Technologies, Inc. is a wholly owned subsidiary of Bluefors Oy, a company organized and based in Finland. Effective April 9, 2023, the Plan was renamed from the Cryomech Inc. 401(k) Plan to the Bluefors Cryocooler Technologies, Inc. 401(k) Plan. The Plan is a defined contribution plan covering all employees of the Company who have attained twenty-one years of age, except for employees who are residents of Puerto Rico, covered by a collective bargaining agreement, nonresident aliens, or independent contractors. Prior to February 22, 2021, employees also needed one year of service with at least 1,000 hours of service, as defined by the Plan Document, to be eligible to participate in the Plan on the first day of the quarter following satisfaction of the eligibility requirements. Effective February 22, 2021, employees are able to participate in the Plan on the first day of the month after three (3) months of service following satisfaction of the eligibility requirements. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan administrator is responsible for oversight of the Plan. Plan management determines the appropriateness of the Plan’s investment offerings and monitors investment performance.

##### **Contributions**

Participants may make voluntary, pre-tax contributions and Roth contributions in the form of salary reductions subject to certain limitations under the terms of the Plan and Internal Revenue Code (IRC). Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans (rollover). Participants direct the investment of their contributions into various investment options offered by the Plan. The Plan currently offers various mutual funds as investment options for participants. The Company makes safe harbor employer contributions for all eligible participants, regardless of whether the participant contributes to the Plan. Safe harbor employer contributions are equal to 3% of the participant’s base compensation.

The Company may also make discretionary profit sharing contributions to the Plan, subject to approval by the board of directors. There were no discretionary profit sharing contributions for the years ended December 31, 2024 and 2023.

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 1 – DESCRIPTION OF PLAN – Continued**

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**Plan Amendments**

Effective December 15, 2024, the Plan was amended and restated for the adoption a new provision. As part of this restatement, the Plan Sponsor added a provision allowing for discretionary employer matching contributions. No employer matching contributions were awarded for the 2024 Plan year.

**Participant Accounts**

Each participant's account is credited with the participant's contributions, employer safe harbor contributions, employer discretionary profit sharing contributions, rollover contributions, and actual earnings thereon. Participant accounts are charged with an allocation of administration expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. Profit sharing contributions are allocated to participant accounts in the ratio that each eligible participant's base compensation bears to total base compensation paid to all eligible participants during the Plan year. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

**Vesting**

Participants are immediately vested in their voluntary contributions and employer safe harbor contributions plus actual earnings thereon. As defined in the Plan Document, the vested portion of the Company's discretionary profit-sharing contributions, plus any earnings thereon, shall be a percentage of the total amount credited to the participant's account determined on the basis of the participant's number of years of service according to the following schedule:

<b>Years of Service</b>	<b>Percentage</b>
Less Than 2 Years	0%
2 Years	20%
3 Years	40%
4 Years	60%
5 Years	80%
6 Years or More	100%

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 1 – DESCRIPTION OF PLAN – Continued**

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**Notes Receivable from Participants**

Plan participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 reduced by their highest outstanding note balance during the prior twelve-month period or 50% of their vested account balance. Terms of the note may not exceed five years, except for the purchase of a primary residence, in which case the term may be for a period of up to ten years. The loans are secured by the balance in the participant's account and bear interest at the prevailing market rates at the time of issuance, ranging from 4.25% to 10.50% at December 31, 2024. Principal and interest are paid ratably through payroll deductions.

**Payment of Benefits**

Benefits may be distributed upon retirement, death, disability, or other termination of employment. Participants may elect to receive a distribution of their vested account balance in the form of a lump-sum payment or rollover contribution to another qualified plan. If the participant's balance exceeds \$1,000, the participant may elect to defer distribution until a later date as defined by the Plan. Account balances less than \$1,000 may automatically be distributed by the Plan upon a distributable event.

**Hardship Withdrawals**

Hardship withdrawals from the Plan were not permitted for the 2024 and 2023 plan years.

**Forfeitures**

If participants are terminated prior to being 100% vested in employer discretionary profit sharing contributions and the actual earnings thereon, then the non-vested portion is forfeited in the year of distribution of the vested balance. Forfeitures are retained in the Plan and can be used to pay the Plan's administrative expenses or reduce future employer contributions. There were no forfeitures used to offset the Plan's expenses or reduce employer contributions in 2024 and 2023. The outstanding balance of forfeited non-vested contributions totaled \$21,230 and \$19,961 at December 31, 2024 and 2023, respectively.

**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES**

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**Basis of Accounting**

The Plan's financial statements have been prepared on the accrual basis of accounting.

**Use of Estimates**

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

**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 at the measurement date. The Plan's investment advisory committee determines the Plan's valuation policies utilizing information provided by the investment advisors, custodians, and trustee. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the cash basis. Dividends are recorded when received. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

**Notes Receivable from Participants**

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. Delinquent loans are reclassified as distributions based upon the terms of the Plan Document. No allowance for credit losses has been recorded as of December 31, 2024 and 2023.

**Excess Contributions Payable**

Amounts payable to participants for contributions in excess of amounts allowed by the Internal Revenue Service (IRS) are recorded as a liability with a corresponding reduction to contributions. For the year ended December 31, 2024, the Plan had no excess contributions to be refunded. For the year ended December 31, 2023, the Plan distributed the 2023 excess contributions to the applicable participants prior to April 15, 2024.

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES – Continued**

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**Benefit Payments**

Benefit payments are recorded when paid.

**Administrative Expenses**

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation of fair value of investments. Trustee fees and advisory fees are paid by the Plan.

**Subsequent Events**

Management has evaluated subsequent events through October 10, 2025, which is the date the financial statements were available to be issued.

**NOTE 3 – CERTIFIED INVESTMENT INFORMATION**

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The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan administrator has obtained a certification from the trustee that all of the information provided by them is complete and accurate.

The following information included in the accompanying financial statements and supplemental schedule of assets (held at end of year) was obtained from data that has been prepared and certified as complete and accurate by Fidelity Management Trust Company, the trustee.

	<b>2024</b>	<b>2023</b>
Investments, at Fair Value	<u>\$ 23,551,145</u>	<u>\$ 20,057,616</u>
Notes Receivable from Participants	<u>\$ 333,908</u>	<u>\$ 298,460</u>
Investment Income	<u>\$ 2,613,101</u>	<u>\$ 2,516,128</u>
Interest Income on Notes Receivable from Participants	<u>\$ 30,144</u>	<u>\$ 18,740</u>

NOTES TO FINANCIAL STATEMENTS

December 31, 2024 and 2023

NOTE 4 – FAIR VALUE MEASUREMENTS

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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.

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. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2024 and 2023.

***Mutual Funds:*** Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

***Money Market Fund:*** Valued at the net asset value, based on quoted market prices in active markets, of shares held by the Plan at year-end.

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 4 – FAIR VALUE MEASUREMENTS – Continued**

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The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2024 and 2023.

**Assets at Fair Value as of December 31, 2024**

	<b>Level 1 Inputs</b>	<b>Level 2 Inputs</b>	<b>Level 3 Inputs</b>	<b>Fair Value</b>
Mutual Funds	\$ 22,998,232	\$ 0	\$ 0	\$ 22,998,232
Money Market	552,913	0	0	552,913
	<hr/>	<hr/>	<hr/>	<hr/>
Total Investments at Fair Value	<u>\$ 23,551,145</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 23,551,145</u>

**Assets at Fair Value as of December 31, 2023**

	<b>Level 1 Inputs</b>	<b>Level 2 Inputs</b>	<b>Level 3 Inputs</b>	<b>Fair Value</b>
Mutual Funds	\$ 19,516,834	\$ 0	\$ 0	\$ 19,516,834
Money Market	540,782	0	0	540,782
	<hr/>	<hr/>	<hr/>	<hr/>
Total Investments at Fair Value	<u>\$ 20,057,616</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 20,057,616</u>

Gains and losses included in changes in net assets available for benefits for the years ended December 31, 2024 and 2023 are reported in net appreciation in fair value of investments.

**NOTE 5 – RELATED PARTY TRANSACTIONS**

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Certain Plan investments are shares of mutual funds managed by Fidelity Management Trust Company. Fidelity Management Trust Company is the trustee of the Plan and, therefore, these transactions qualify as party-in-interest transactions. Transactions involving notes receivable from participants also qualify as party-in-interest transactions. As described in Note 2, the Company or the Plan paid certain expenses related to plan operations and investment activity to various service providers. These transactions are party-in-interest transactions under ERISA and are exempt from prohibitive transaction rules.

## **BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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### **NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

#### **NOTE 6 – PLAN TERMINATION**

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Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event of Plan termination, participants will become 100% vested in the value of their accounts.

#### **NOTE 7 – TAX STATUS**

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The Internal Revenue Service (IRS) has determined and informed the Company, through a volume submitter plan opinion letter dated June 30, 2020, that the volume submitter plan and related trust are designed in accordance with applicable sections of the IRC. Although the Plan has been amended since receiving the opinion letter, the Plan administrator and legal counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and therefore believe that the Plan is qualified and the related trust is tax-exempt.

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.

#### **NOTE 8 – RISKS AND UNCERTAINTIES**

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The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Market risk includes global events which could impact the value of investment securities, such as a pandemic or international conflict. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

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**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

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**NOTES TO FINANCIAL STATEMENTS**

December 31, 2024 and 2023

**NOTE 9 – RECONCILIATION TO FORM 5500**

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The following is a reconciliation of net assets available for benefits from the financial statements to the Form 5500 as of December 31:

	<b>2024</b>	<b>2023</b>
Net Assets Available for Benefits, Per the Financial Statements	\$ 23,888,590	\$ 20,349,160
Less: Contributions Receivable	3,537	18,415
Add: Excess Contributions Payable at End of Year	<u>0</u>	<u>25,331</u>
Net Assets Available for Benefits, Per Form 5500	<u>\$ 23,885,053</u>	<u>\$ 20,356,076</u>
	<b>2024</b>	<b>2023</b>
Total Contributions Per the Financial Statements	\$ 1,950,425	\$ 7,088,116
Less: Contributions Receivable at End of Year	3,537	18,415
Add: Contributions Receivable at Beginning of Year	18,415	14,839
Add: Excess Contributions Payable at End of Year	<u>0</u>	<u>25,331</u>
Contributions Per Form 5500	<u>\$ 1,965,303</u>	<u>\$ 7,109,871</u>

**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

**OTHER FINANCIAL INFORMATION**

**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

December 31, 2024

Employer Identification No. 16-0900336

Plan No. 001

Schedule H, Line 4i

(a)	(b)	(c)	(d)	(e)
	<b>Identity of Issue, Borrower, Lessor, or Similar Party</b>	<b>Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value</b>	<b>Cost</b>	<b>Current Value</b>
*	Fidelity Institutional Money Market	Money Market	552,913 Units	** \$ 552,913
	JP Morgan Short Duration Core Plus Fund R6	Mutual Fund	17,363 Shares	** 160,609
	JP Morgan Hedged Equity 2 Fund R6	Mutual Fund	33,972 Shares	** 630,522
	Pimco International Bond Fund	Mutual Fund	2,332 Shares	** 23,160
	Pimco Credit Opportunities Bond Fund	Mutual Fund	39,038 Shares	** 376,326
	Touchstone Mid Cap IS	Mutual Fund	11,038 Shares	** 612,061
	FullerThaler Behavioral Sm-Cp Eq R6	Mutual Fund	15,015 Shares	** 727,179
	Vanguard 500 Index Fund Admiral Shares	Mutual Fund	3,099 Shares	** 1,682,094
	Vanguard Small-Cap Index Fund Admiral Shares	Mutual Fund	3,931 Shares	** 452,665
	Vanguard Mid-Cap Index Fund Admiral Shares	Mutual Fund	842 Shares	** 275,270
	Vanguard Real Estate Index Fund Admiral Shares	Mutual Fund	134 Shares	** 16,977
	Vanguard Total Int'l BD IDX Admiral	Mutual Fund	17,698 Shares	** 179,286
	Vanguard Total Int'l Stock Index Fund Admiral Shares	Mutual Fund	2,444 Shares	** 77,463
	Neuberger Berman Strategic Income Fund Inst'l Class	Mutual Fund	35,852 Shares	** 354,221
	Royce Small Cap Special Equity Fund Investment Class	Mutual Fund	49,308 Shares	** 742,085
	Causeway International Value Fund Class Institutional	Mutual Fund	73,032 Shares	** 1,355,480
	American Funds American Mutual Fund Class R6	Mutual Fund	20,943 Shares	** 1,155,818
	American Funds New World Fund Class R6	Mutual Fund	12,461 Shares	** 959,158
	ClearBridge Large Cap Growth Fund Class A	Mutual Fund	12,467 Shares	** 939,974
	Eaton Vance High Income Opportunities Fund Class I	Mutual Fund	12,946 Shares	** 54,634
	John Hancock Funds Disciplined Value Fund Class R6	Mutual Fund	76,170 Shares	** 1,715,341
	Baird Aggregate Bond Fund Class Institutional	Mutual Fund	109,175 Shares	** 1,053,537
	Loomis Sayles Core Plus Bond Fund Class N	Mutual Fund	47,490 Shares	** 538,058
	Baird Short-Term Bond Fund	Mutual Fund	7,420 Shares	** 70,189
	Victory Trivalent International Small Cap Fund Class Y	Mutual Fund	40,178 Shares	** 593,432
*	Fidelity OTC Portfolio	Mutual Fund	113,202 Shares	** 2,494,962
*	Fidelity Overseas K	Mutual Fund	17,590 Shares	** 1,094,640
*	Fidelity Freedom 2025 K	Mutual Fund	656 Shares	** 6,917
*	Fidelity Freedom 2020 K	Mutual Fund	361 Shares	** 5,185
*	Fidelity Freedom 2025 K	Mutual Fund	59,359 Shares	** 807,873
*	Fidelity Freedom 2030 K	Mutual Fund	94,774 Shares	** 1,663,291
*	Fidelity Freedom 2035 K	Mutual Fund	31,310 Shares	** 490,002
*	Fidelity Freedom 2040 K	Mutual Fund	33,967 Shares	** 392,655
*	Fidelity Freedom 2045 K	Mutual Fund	57,910 Shares	** 780,047
*	Fidelity Freedom 2050 K	Mutual Fund	19,181 Shares	** 261,818
*	Fidelity Freedom 2055 K	Mutual Fund	11,385 Shares	** 180,000
*	Fidelity Freedom 2060 K	Mutual Fund	1,011 Shares	** 14,644
*	Fidelity Freedom 2065 K	Mutual Fund	4,588 Shares	** 60,659
				<u>23,551,145</u>
		Interest at 4.25% - 10.50%, with maturity dates through January 2029, and secured by participant accounts in the Plan	-0-	<u>333,908</u>
				<u>\$ 23,885,053</u>

\* Denotes party-in-interest as defined by ERISA.

\*\* In accordance with ERISA, the historical cost has been omitted as the investments are participant-directed.

See notes to financial statements.

**BLUEFORS CRYOCOOLER TECHNOLOGIES, INC. 401(k) PLAN**

**OTHER FINANCIAL INFORMATION**

**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

December 31, 2024

Employer Identification No. 16-0900336

Plan No. 001

Schedule H, Line 4i

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