

Form 5500-SF <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed 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-SF.	OMB Nos. 1210-0110 1210-0089 <div style="border: 1px solid black; text-align: center; padding: 5px; font-weight: bold; font-size: 1.2em;">2013</div> This Form is Open to Public Inspection
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Part I Annual Report Identification Information			
For calendar plan year 2013 or fiscal plan year beginning <u>01/01/2013</u> and ending <u>12/31/2013</u>			
A This return/report is for:	☒ a single-employer plan	☐ a multiple-employer plan (not multiemployer)	☐ a one-participant plan
B This return/report is:	☐ the first return/report	☐ the final return/report	
	☐ an amended return/report	☐ a short plan year return/report (less than 12 months)	
C Check box if filing under:	☒ Form 5558	☐ automatic extension	☐ DFVC program
	☐ special extension (enter description)		

Part II Basic Plan Information —enter all requested information			
1a Name of plan <u>STINGRAY OPTICS LLC CASH BALANCE PENSION PLAN</u>	1b	Three-digit plan number (PN) ▶	<u>002</u>
	1c	Effective date of plan <u>01/01/2012</u>	
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>STINGRAY OPTICS LLC</u> <u>310 MARLBORO STREET</u> <u>KEENE, NH 03431</u>	2b	Employer Identification Number (EIN) <u>75-3197332</u>	
	2c	Sponsor's telephone number <u>877-358-5577</u>	
	2d	Business code (see instructions) <u>339900</u>	
3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address	3b	Administrator's EIN	
	3c	Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report. a Sponsor's name	4b	EIN	
	4c	PN	
5a Total number of participants at the beginning of the plan year	5a	<u>6</u>	
b Total number of participants at the end of the plan year	5b	<u>13</u>	
c Number of participants with account balances as of the end of the plan year (defined benefit plans do not complete this item).....	5c		
6a Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.).....	☒ Yes	☐ No	
b Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.).....	☒ Yes	☐ No	
If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.			
c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)?	☒ Yes	☐ No	☐ Not determined

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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2014	CHRISTOPHER ALEXAY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
Preparer's name (including firm name, if applicable) and address; include room or suite number (optional)			Preparer's telephone number (optional)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	138978	324486
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	138978	324486
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	174670	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	11392	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		186062
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d		
e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	554	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		554
i Net income (loss) (subtract line 8h from line 8c)	8i		185508
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1C
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)		X	
c Was the plan covered by a fidelity bond?	X		90000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)		X	
f Has the plan failed to provide any benefit when due under the plan?		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year end.)		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below)	☒ Yes ☐ No
11a Enter the unpaid minimum required contribution for current year from Schedule SB (Form 5500) line 39	11a 0
12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? ..	☐ Yes ☒ No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)	
a 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 letter ruling granting the waiver. Month _____ Day _____ Year _____	
If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.	
b Enter the minimum required contribution for this plan year	12b

c Enter the amount contributed by the employer to the plan for this plan year	12c	
d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount).....	12d	
e Will the minimum funding amount reported on line 12d be met by the funding deadline?	☐ Yes ☐ No ☐ N/A	

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year?	☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year	13a
b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐ Yes ☒ No
c 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.)	
13c(1) Name of plan(s):	13c(2) EIN(s)
	13c(3) PN(s)

Part VIII Trust Information (optional)

14a Name of trust	14b Trust's EIN

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2013 This Form is Open to Public Inspection
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For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

▶ **Round off amounts to nearest dollar.**

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

A Name of plan <u>STINGRAY OPTICS LLC CASH BALANCE PENSION PLAN</u>	B Three-digit plan number (PN) ▶ <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>STINGRAY OPTICS LLC</u>	D Employer Identification Number (EIN) <u>75-3197332</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2013</u>	
2 Assets:	
a Market value	2a <u>149816</u>
b Actuarial value	2b <u>149816</u>
3 Funding target/participant count breakdown:	
a For retired participants and beneficiaries receiving payment.....	3a (1) Number of participants <u>0</u> (2) Funding Target <u>0</u>
b For terminated vested participants.....	3b <u>0</u> <u>0</u>
c For active participants:	
(1) Non-vested benefits	3c(1) <u>121810</u>
(2) Vested benefits	3c(2) <u>0</u>
(3) Total active.....	3c(3) <u>13</u> <u>121810</u>
d Total.....	3d <u>13</u> <u>121810</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b
5 Effective interest rate	5 <u>6.30</u> %
6 Target normal cost	6 <u>154193</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>10/09/2014</u>
	Signature of actuary	Date
<u>DAVID PRATT WARD</u>	Type or print name of actuary	<u>14-04388</u>
		Most recent enrollment number
<u>THEN ANGELL PENSION GROUP, INC.</u>	Firm name	<u>401-438-9250</u>
		Telephone number (including area code)
<u>88 BOYD AVENUE</u> <u>EAST PROVIDENCE, RI 02914</u>	Address of the firm	

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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2013
v. 130118

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>0.00</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		26655
b Interest on (a) using prior year's effective interest rate of <u>6.91</u> % except as otherwise provided (see instructions)		0
c Total available at beginning of current plan year to add to prefunding balance		26655
d Portion of (c) to be added to prefunding balance		26655
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	26655

Part III Funding Percentages		
14 Funding target attainment percentage	14	99.73 %
15 Adjusted funding target attainment percentage	15	115.89 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	124.63 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
07/01/2014	174670	0			
			Totals ►	18(b)	174670
				18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	169429
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:		

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

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

21 Discount rate:				
a Segment rates:	1st segment: 4.94%	2nd segment: 6.15%	3rd segment: 6.76 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....	31a	154193	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment.....	0	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)...	34	154193	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0
36 Additional cash requirement (line 34 minus line 35).....	36	154193	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	169429	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	15236	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011		
42 Amount of acceleration adjustment	42		
43 Excess installment acceleration amount to be carried over to future plan years	43		

Plan Name: Stingray Optics LLC Cash Balance Pension Plan and Trust
EIN: 75-3197332
Plan Number: 002

[illegible]

SECTION XII

ACTUARIAL COST METHODS

Traditional Unit Credit

The actuarial cost method used in the development of the minimum contribution was the unit credit cost method.

The normal cost is the sum of all the individual normal costs for each participant. For active participants, the individual normal cost is the present value of the benefit earned during the year being valued. For active participants whose credited service equals or exceeds the plan maximum, if any, and for non-active participants, the normal cost is zero.

The actuarial accrued liability is the sum of the individual accrued liabilities for all participants. The individual accrued liability for an active participant is the present value of the accrued benefit as of the valuation date. The unfunded liability is the actuarial accrued liability less the valuation assets.

The total annual cost of the plan is the normal cost plus an amount to amortize the shortfall amount.

Projected Unit Credit

The actuarial cost method used in the development of the maximum contribution was the projected unit credit cost method.

Under this method, the normal cost is the sum of the individual normal costs for all participants. For an active participant, the individual normal cost is the present value at the current age of the projected benefit at the assumed retirement age, based on the actuarial assumptions, divided by the participant's expected years of credited service at that age. For a non-active participant, the normal cost is zero.

The actuarial accrued liability is the sum of the individual accrued liabilities for all plan participants. For an active participant, the individual accrued liability is the product of the normal cost and the total years of credited service at the current age. For non-active participants, the individual accrued liability is the present value at the current age of future benefits. The unfunded actuarial accrued liability equals the actuarial accrued liability less the valuation assets.

SECTION XIII

ACTUARIAL METHODS AND ASSUMPTIONS

A summary of the actuarial assumptions used in the valuation is presented below:

Valuation Assets - Market Value.

Mandated Discount Rates

MAP21 rates:

1. Minimum Contribution - segment 1	4.940%
2. Minimum Contribution - segment 2	6.150%
3. Minimum Contribution - segment 3	6.760%

PPA'06 December 2013 segment rates (0 month look back):

1. Maximum Contribution - segment 1	1.280%
2. Maximum Contribution - segment 2	4.050%
3. Maximum Contribution - segment 3	5.070%

Plan's Effective Interest Rate: 6.300%

Financial Accounting Standards Board ASC 960 Rates:

Minimum Contribution Rates (above)

Salary Scale - Salary increases were not assumed in the valuation.

Taxable Wage Base Increase Assumption - Increases to the taxable wage base were not assumed.

Retirement Rates - Employees were assumed to retire at normal retirement age.

Termination - Termination rates were not assumed in the valuation.

Pre-retirement Mortality - Pre-retirement mortality was not assumed in the valuation.

Post-retirement Mortality - IRS 2013 P.V. M Optional Combined Table and IRS 2013 P.V. F Optional Combined Table - Post-retirement mortality was assumed in the valuation. Sample rates are as follows:

<u>Age</u>	<u>Males</u>	<u>Females</u>
65	0.0095	0.0088
70	0.0162	0.0149
75	0.0284	0.0238
80	0.0526	0.0399
85	0.0962	0.0687
90	0.1693	0.1240
95	0.2570	0.1869
100	0.3377	0.2328
105	0.3979	0.2931

SECTION XIII (Cont.)

Rates of Disablement - Rates of disablement were not assumed.

Post-Disablement Mortality - Post-disablement mortality was not assumed in the valuation.

Administrative Expenses – The administrative expense is assumed to be the same amount as was paid from the plan in the prior year, which is \$554.

Percent Married - 100% of males and 100% of females were assumed to be married.

Age of Spouse - The female spouse is assumed to be the same age as the male spouse.

Lump Sum Pre-retirement Mortality – Lump Sum pre-retirement mortality was not assumed in the valuation.

Lump Sum Post-retirement Mortality - IRS 2013 Applicable Mortality for Lump Sums. Sample rates are as follows:

<u>Age</u>	<u>Males</u>	<u>Females</u>
65	0.0091	0.0091
70	0.0155	0.0155
75	0.0261	0.0261
80	0.0463	0.0463
85	0.0825	0.0825
90	0.1466	0.1466
95	0.2219	0.2219
100	0.2852	0.2852
105	0.3455	0.3455

Normal Form of Payment - 100% of plan participants were assumed to elect a lump sum form of payment upon termination or retirement.

Form 5500-SFDepartment of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Short Form Annual Return/Report of Small Employee
Benefit Plan**

This form is required to be filed 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).

OMB Nos. 1210-0110
1210-0089**2013****This Form is Open to Public
Inspection**▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.****Part I Annual Report Identification Information**

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

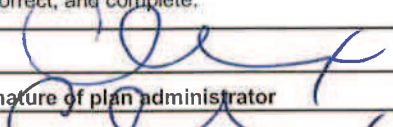
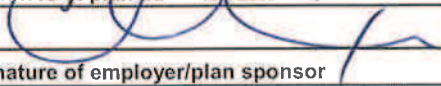
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☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
- C** Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ DFVC program
☐ special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan STINGRAY OPTICS LLC CASH BALANCE PENSION PLAN	1b Three-digit plan number (PN) ▶ 002
	1c Effective date of plan 01/01/2012
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) StingRay Optics LLC 310 Marlboro Street Keene NH 03431	2b Employer Identification Number (EIN) 75-3197332
	2c Sponsor's telephone number 877-358-5577
	2d Business code (see instructions) 339900
3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☒ Same as Plan Sponsor Address	3b Administrator's EIN
	3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report. a Sponsor's name	4b EIN
	4c PN
5a Total number of participants at the beginning of the plan year	5a 6
b Total number of participants at the end of the plan year	5b 13
c Number of participants with account balances as of the end of the plan year (defined benefit plans do not complete this item)	5c
6a Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.)	☒ Yes ☐ No
b Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.)	☒ Yes ☐ No
If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.	
c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)?	☒ Yes ☐ No ☐ Not determined

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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		10/6/14	Christopher Alexay
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		10/6/14	Christopher Alexay
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
Preparer's name (including firm name, if applicable) and address; include room or suite number (optional)			Preparer's telephone number (optional)

Part III Financial Information

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(2) Participants	8a(2)		
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c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		186062
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e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	554	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		554
i Net income (loss) (subtract line 8h from line 8c)	8i		185508
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics

- 9a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1C
- b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a	X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b	X	
c Was the plan covered by a fidelity bond?	10c	X	90000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d	X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e	X	
f Has the plan failed to provide any benefit when due under the plan?	10f	X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year end.)	10g	X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h		
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i		

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below) ☒ Yes ☐ No

11a Enter the unpaid minimum required contribution for current year from Schedule SB (Form 5500) line 39 11a 0

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? .. ☐ Yes ☒ No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)

a 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 letter ruling granting the waiver. Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year 12b

c Enter the amount contributed by the employer to the plan for this plan year	12c	
d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	12d	
e Will the minimum funding amount reported on line 12d be met by the funding deadline?	☐ Yes ☐ No ☐ N/A	

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year?	13a	☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year		
b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐ Yes ☒ No	
c 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.)		
13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

Part VIII Trust Information (optional)

14a Name of trust	14b Trust's EIN

**SCHEDULE SB
(Form 5500)**Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2013**This Form is Open to Public
Inspection**For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013▶ **Round off amounts to nearest dollar.**▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan STINGRAY OPTICS LLC CASH BALANCE PENSION PLAN		B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF StingRay Optics LLC		D Employer Identification Number (EIN) 75-3197332
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I Basic Information

1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2013</u>		
2 Assets:		
a Market value	2a	149816
b Actuarial value	2b	149816
3 Funding target/participant count breakdown:		
		(1) Number of participants
a For retired participants and beneficiaries receiving payment	3a	0
b For terminated vested participants	3b	0
c For active participants:		(2) Funding Target
(1) Non-vested benefits	3c(1)	121810
(2) Vested benefits	3c(2)	0
(3) Total active	3c(3)	13
d Total	3d	13
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐		
a Funding target disregarding prescribed at-risk assumptions	4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5 Effective interest rate	5	6.30%
6 Target normal cost	6	154193

Statement by Enrolled Actuary

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

**SIGN
HERE***David Pratt Ward DPW*
Signature of actuary*October 9, 2014*
Date

David Pratt Ward

1404388

Type or print name of actuary

Most recent enrollment number

Then Angell Pension Group, Inc.

401-438-9250

Firm name

Telephone number (including area code)

88 Boyd Avenue

East Providence RI 02914

Address of the firm

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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2013

Part II Beginning of Year Carryover Prefunding Balances

Part 1 Beginning of Year Carryover Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>0.00%</u>	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		26655
	b Interest on (a) using prior year's effective interest rate of <u>6.91%</u> except as otherwise provided (see instructions)		0
	c Total available at beginning of current plan year to add to prefunding balance		26655
	d Portion of (c) to be added to prefunding balance		26655
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	26655

Part III Funding Percentages

14	Funding target attainment percentage.....	14	99.73 %
15	Adjusted funding target attainment percentage	15	115.89 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	124.63 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	17	%

Part IV Contributions and liquidity shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

Contributions made to the plan for the plan year by employer(s) and employee(s).					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
07/01/2014	174670	0			
			Totals ►	18(b)	174670 18(c)

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

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	169429

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

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

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

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

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

21 Discount rate:			
a Segment rates:	1st segment: 4.94%	2nd segment: 6.15%	3rd segment: 6.76%
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 0
22 Weighted average retirement age			22 65
23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....		27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....		31a	154193
b Excess assets, if applicable, but not greater than line 31a		31b	0
32 Amortization installments:		Outstanding Balance	Installment
a Net shortfall amortization installment.....		0	0
b Waiver amortization installment		0	0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	0
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..		34	154193
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0
36 Additional cash requirement (line 34 minus line 35).....		36	154193
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37	169429
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	15236
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected		☐ 2 plus 7 years ☐ 15 years	
b Eligible plan year(s) for which the election in line 41a was made		☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	
42 Amount of acceleration adjustment		42	
43 Excess installment acceleration amount to be carried over to future plan years		43	

As indicated on line 22 of the 2013 Schedule SB, the Weighted Average Retirement Age is 65. Under the 2013 Plan Year, the Weighted Average Retirement Age is the same as the Normal Retirement Age.

APPENDIX A SUMMARY OF PLAN PROVISIONS

Plan Effective Date: January 1, 2012

Eligibility Requirements: Age: 21
Service: 12 Months

Year of Service: A 12-consecutive-month computation period in which an employee is credited with 1000 or more hours of service. The computation period commences on January 1

Plan Entry Date: An Eligible Employee will enter the plan on the January 1 or July 1 nearest the completion of the eligibility requirements.

Normal Retirement Date: The first day of the month next following the latter of the attainment of a participant's 62nd birthday or the 5th anniversary of plan participation.

Compensation: The total compensation paid for the plan year, including deferrals under any 401(k) or Section 125 plans.

For plan years beginning after 12/31/2001, no more than \$200,000 of compensation will be considered for plan purposes. This limit of \$200,000 is subject to adjustment by the Secretary of the Treasury or his delegate. The limit for 2013 is \$255,000.

Hypothetical Allocations:

<u>Description</u>	<u>Allocation*</u>
Owner	51.30%
Family Member of Owner	0.00%
Jennifer Myers and Troy Palmer	6.00%
Robert Ball	3.50%
HCEs not in above groups	0.00%
All Others	3.50%

*Allocations are subject to limits imposed by Section 415 of the Internal Revenue Code.

Interest Credits: 5.00% credited as of the last day of the plan year.

Accrued Benefit: The Hypothetical Account value or an annuity equal to the actuarial equivalent of the Hypothetical Account.

Normal Retirement Benefit: The Accrued Benefit.

Actuarial Equivalence Factors: The Applicable Mortality Table and the IRC 417(e) Segment Rates with a 3 month look back.

Top-Heavy Minimum Accrued Benefit: A participant will receive a minimum benefit equal to 2% of the 5-year average compensation for each year of Benefit Accrual Service in which the plan is top-heavy, unless such benefit is provided under a Defined Contribution Plan

Death Benefit: The Accrued Benefit (subject to spousal QPSA requirements).

Vesting: Based upon Years of Service, subject to the following schedule:

<u>Years of Service</u>	<u>Vested Percentage</u>
1 Year of Service	0%
2 Years of Service	0%
3 years or more	100%

Service earned prior to January 1, 2012 and age 18 is excluded.

Optional Forms of Benefit: Lump sum, life annuity, Joint and 50% survivor annuity, Joint and 66.66% survivor annuity, Joint and 75% survivor annuity, Joint and 100% survivor annuity.