

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="font-size: 24pt; font-weight: bold;">2015</div> This Form is Open to Public Inspection
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Part I Annual Report Identification Information	
For calendar plan year 2015 or fiscal plan year beginning <u>01/01/2015</u> and ending <u>12/31/2015</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions); or ☒ a single-employer plan; ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report; ☐ the final return/report; ☐ an amended return/report; ☐ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here.	▶ ☐
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
	1c Effective date of plan	<u>05/12/1989</u>
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) <u>ROGUE WAVE SOFTWARE, INC.</u> <u>1315 WEST CENTURY DRIVE</u> <u>SUITE 150</u> <u>LOUISVILLE, CO 80027</u>	2b Employer Identification Number (EIN) <u>85-0373486</u>	2c Plan Sponsor's telephone number <u>303-473-9118</u>
	2d Business code (see instructions) <u>621399</u>	

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/04/2016	TRACIE ARLDT
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☐ Same as Plan Sponsor ROGUE WAVE SOFTWARE, INC. 1315 WEST CENTURY DRIVE, SUITE 150 LOUISVILLE, CO 80027	3b Administrator's EIN 85-0373486
	3c Administrator's telephone number 303-473-9118
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
5 Total number of participants at the beginning of the plan year	5 320
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).	
a(1) Total number of active participants at the beginning of the plan year.....	6a(1) 136
a(2) Total number of active participants at the end of the plan year	6a(2) 169
b Retired or separated participants receiving benefits.....	6b 0
c Other retired or separated participants entitled to future benefits.....	6c 172
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 341
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e 0
f Total. Add lines 6d and 6e	6f 341
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g 282
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 5
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2F 2G 2J 2K 2R 2T 3D	
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ <u>1</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III	Form M-1 Compliance Information (to be completed by welfare benefit plans)
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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.

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 2015 Form M-1 annual report. If the plan was not required to file the 2015 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service <hr/> Department of Labor Employee Benefits Security Administration <hr/> Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110
		2015
		This Form is Open to Public Inspection

For calendar plan year 2015 or fiscal plan year beginning **01/01/2015** and ending **12/31/2015**

A Name of plan ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 ROGUE WAVE SOFTWARE, INC.	D Employer Identification Number (EIN) 85-0373486	

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

(a) Name of insurance carrier
JOHN HANCOCK LIFE INSURANCE COMPANY U.S.A.

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
01-0233346	65838	101646	304	01/01/2015	12/31/2015

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

(a) Total amount of commissions paid 56750	(b) Total amount of fees paid 2790
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

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

OPPENHEIMER LIFE AGENCY, LTD **1400 WOODLOCH FOREST DRIVE, STE 250**
THE WOODLANDS, TN 77380

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
56750			3

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

THE ANGELL PENSION GROUP, INC. **88 BOYD AVENUE**
EAST PROVIDENCE, RI 02914

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
	2790	TPA FEES	5

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	28234426

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

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

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

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

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

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

(6) Total additions	7c(6)	0
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d Total of balance and additions (add lines 7b and 7c(6))	7d	0
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e Deductions:			
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)		
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account	7e(3)		
(4) Other (specify below)	7e(4)		
▶			

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

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs ▶

Part IV Provision of Information

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

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

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2015
		This Form is Open to Public Inspection.

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015		
A Name of plan ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ROGUE WAVE SOFTWARE, INC.	D Employer Identification Number (EIN) 85-0373486	

Part I	Service Provider Information (see instructions)
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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
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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)

JOHN HANCOCK LIFE INSURANCE COMPANY

01-0233346

(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?
15 28 59 60 62 63 68	RECORDKEEPER	312	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

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

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

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

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)

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

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

Part III **Termination Information on Accountants and Enrolled Actuaries (see instructions)**
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

<p style="text-align: center;">SCHEDULE D (Form 5500)</p> <p style="text-align: center; font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="text-align: center; font-size: small;">Department of Labor Employee Benefits Security Administration</p>	<p style="text-align: center;">DFE/Participating Plan Information</p> <p style="text-align: center; font-size: small;">This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p style="text-align: center; font-weight: bold;">▶ File as an attachment to Form 5500.</p>	<p style="text-align: center; font-size: small;">OMB No. 1210-0110</p> <hr/> <p style="text-align: center; font-size: large; font-weight: bold;">2015</p> <hr/> <p style="text-align: center; font-size: small; font-weight: bold;">This Form is Open to Public Inspection.</p>
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For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

<p>A Name of plan <u>ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN</u></p>	<p>B Three-digit plan number (PN) ▶ <u>001</u></p>	
<p>C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>ROGUE WAVE SOFTWARE, INC.</u></p>	<p>D Employer Identification Number (EIN) <u>85-0373486</u></p>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2045 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1046329</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2040 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>757807</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2035 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1103927</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2030 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>832068</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2025 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>97469</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2020 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>652785</u></p>	
<p>a Name of MTIA, CCT, PSA, or 103-12 IE: <u>JH RET TO 2015 MANAGED PORT</u></p>			
<p>b Name of sponsor of entity listed in (a): <u>JOHN HANCOCK USA</u></p>			
<p>c EIN-PN <u>01-0233346-000</u></p>	<p>d Entity code <u>P</u></p>	<p>e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>155332</u></p>	

a Name of MTIA, CCT, PSA, or 103-12 IE: JH RET TO 2010 MANAGED PORT		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 148832

a Name of MTIA, CCT, PSA, or 103-12 IE: JH LS AGG ACTIVE STRATEGY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 258349

a Name of MTIA, CCT, PSA, or 103-12 IE: JH LS GROW ACTIVE STRATEGY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1075375

a Name of MTIA, CCT, PSA, or 103-12 IE: JH LS BAL ACTIVE STRATEGY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 818764

a Name of MTIA, CCT, PSA, or 103-12 IE: JH LS MOD ACTIVE STRATEGY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 107701

a Name of MTIA, CCT, PSA, or 103-12 IE: JH LS CON ACTIVE STRATEGY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 97847

a Name of MTIA, CCT, PSA, or 103-12 IE: DFA EMERGING MARKETS VALUE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 35504

a Name of MTIA, CCT, PSA, or 103-12 IE: ROYCE OPPORTUNITY		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 40787

a Name of MTIA, CCT, PSA, or 103-12 IE: INTERNATIONAL VALUE FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 75537

a Name of MTIA, CCT, PSA, or 103-12 IE: DFA US TARGETED VALUE FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 310332

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE SCI & TECH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 337910

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD SMALL CAP GROW INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 464796

a Name of MTIA, CCT, PSA, or 103-12 IE: OPPENHEIMER DEVELOPING MKT		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 79814

a Name of MTIA, CCT, PSA, or 103-12 IE: INTL EQUITY INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 588432

a Name of MTIA, CCT, PSA, or 103-12 IE: DFA U.S. SMALL CAP FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 74042

a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 680811

a Name of MTIA, CCT, PSA, or 103-12 IE: EUROPACIFIC GROWTH FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 215744

a Name of MTIA, CCT, PSA, or 103-12 IE: OPPENHEIMER INTL GROWTH FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 397771

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE HEALTH SCI		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1035395

a Name of MTIA, CCT, PSA, or 103-12 IE: LORD ABBETT VALUE OPPS FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 84081

a Name of MTIA, CCT, PSA, or 103-12 IE: MID CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 584590
a Name of MTIA, CCT, PSA, or 103-12 IE: BLUE CHIP GROWTH FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5891648
a Name of MTIA, CCT, PSA, or 103-12 IE: MID VALUE FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 914758
a Name of MTIA, CCT, PSA, or 103-12 IE: MASSACHUSETTS INVESTORS FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 545340
a Name of MTIA, CCT, PSA, or 103-12 IE: PRU JENNISON MID GROWTH FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 873555
a Name of MTIA, CCT, PSA, or 103-12 IE: EQUITY INCOME FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1156105
a Name of MTIA, CCT, PSA, or 103-12 IE: 500 INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4235116
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO ALL ASSET		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 80250
a Name of MTIA, CCT, PSA, or 103-12 IE: TEMPLETON GLOBAL BOND FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 269003
a Name of MTIA, CCT, PSA, or 103-12 IE: STRATEGIC INCOME OPP FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 675105

a Name of MTIA, CCT, PSA, or 103-12 IE: U.S. HIGH YIELD BOND FUND**b** Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 130393
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a Name of MTIA, CCT, PSA, or 103-12 IE: TOTAL BOND FUND**b** Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 811742
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a Name of MTIA, CCT, PSA, or 103-12 IE: JOHN HANCOCK STABLE VAL**b** Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2950092
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a Name of MTIA, CCT, PSA, or 103-12 IE: RETIREMENT CHOICES AT 2050**b** Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 21861
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

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

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="border: 1px solid black; padding: 5px; font-size: 1.2em; font-weight: bold;">2015</div> This Form is Open to Public Inspection
For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015		
A Name of plan ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 ROGUE WAVE SOFTWARE, INC.	D Employer Identification Number (EIN) 85-0373486	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.				
	Assets			
a	Total noninterest-bearing cash	1a	0	6479
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions	1b(1)		
	(2) Participant contributions	1b(2)		
	(3) Other.....	1b(3)		
c	General investments:			
	(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
	(2) U.S. Government securities.....	1c(2)		
	(3) Corporate debt instruments (other than employer securities):			
	(A) Preferred	1c(3)(A)		
	(B) All other.....	1c(3)(B)		
	(4) Corporate stocks (other than employer securities):			
	(A) Preferred	1c(4)(A)		
	(B) Common	1c(4)(B)		
	(5) Partnership/joint venture interests	1c(5)		
	(6) Real estate (other than employer real property)	1c(6)		
	(7) Loans (other than to participants)	1c(7)		
	(8) Participant loans	1c(8)	224212	133427
	(9) Value of interest in common/collective trusts.....	1c(9)		
	(10) Value of interest in pooled separate accounts.....	1c(10)	28234426	27713096
	(11) Value of interest in master trust investment accounts	1c(11)		
	(12) Value of interest in 103-12 investment entities	1c(12)		
	(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
	(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
	(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	28458638	27853002

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	28458638	27853002
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	317455	
(B) Participants	2a(1)(B)	1213898	
(C) Others (including rollovers)	2a(1)(C)	111213	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1642566
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	6235	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		6235
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		81583
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		100620
d Total income. Add all income amounts in column (b) and enter total	2d		1831004

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2400506	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		2400506
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	33344	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	2790	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		36134
j Total expenses. Add all expense amounts in column (b) and enter total	2j		2436640

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-605636
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

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

(1) Name: RSM US LLP

(2) EIN: 42-0714325

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, 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.

During the plan year:

	Yes	No	N/A	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒		
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.)		☒		

	Yes	No	N/A	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X		
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X		
e Was this plan covered by a fidelity bond?	X			500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X		
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X		
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X		
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X			
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)		X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X		
l Has the plan failed to provide any benefit when due under the plan?		X		
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.				
o Did the plan trust incur unrelated business taxable income?				
p Were in-service distributions made during the plan year?				

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

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

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☐ Yes ☐ No ☐ Not determined

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2015 This Form is Open to Public Inspection.
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For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan <u>ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ROGUE WAVE SOFTWARE, INC.</u>	D Employer Identification Number (EIN) <u>85-0373486</u>

Part I	Distributions
---------------	----------------------

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
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): <u>01-0233346</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	

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

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ 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.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
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

Part III	Amendments
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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
--	-----------------------------------	-----------------------------------	-------------------------------	-----------------------------

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

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

Schedule R (Form 5500) 2015
v. 150123

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
	a The current year	14a	
	b The plan year immediately preceding the current plan year	14b	
	c The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year	15a	
	b The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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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) through (c)
	a Enter the percentage of plan assets held as: Stock: <u>0.0</u> % Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%
	b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more
	c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan?	☐ Yes	☐ No
20b If "Yes," how does the 401(k) plan satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under sections 401(k)(3) and 401(m)(2)?	☐ Design-based safe harbor method	☐ ADP/ACP test
20c If the ADP/ACP test is used, did the 401(k) plan perform ADP/ACP testing for the plan year using the "current year testing method" for nonhighly compensated employees (Treas. Reg sections 1.401(k)-2(a)(2)(ii) and 1.401(m)-2(a)(2)(ii))?	☐ Yes	☐ No
21a Check the box to indicate the method used by the plan to satisfy the coverage requirements under section 410(b):	☐ Ratio percentage test	☐ Average benefit test
21b Does the plan satisfy the coverage and nondiscrimination tests of sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules?	☐ Yes	☐ No
22a Has the plan been timely amended for all required tax law changes?	☐ Yes	☐ No ☐ N/A
22b Date the last plan amendment/restatement for the required tax law changes was adopted ____/____/____. Enter the applicable code _____. (See instructions for tax law changes and codes).		
22c If the plan sponsor is an adopter of a pre-approved master and prototype (M&P) or volume submitter plan that is subject to a favorable IRS opinion or advisory letter, enter the date of that favorable letter ____/____/____ and the letter's serial number _____.		
22d If the plan is an individually-designed plan and received a favorable determination letter from the IRS, enter the date of the plan's last favorable determination letter ____/____/____.		
23 Is the Plan maintained in a U.S. territory (i.e., Puerto Rico (if no election under ERISA section 1022(i)(2) has been made), American Samoa, Guam, the Commonwealth of the Northern Mariana Islands or the U.S. Virgin Islands)?	☐ Yes	☐ No

Rogue Wave Software, Inc. Employees 401(k) Plan

Financial Report
December 31, 2015

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Independent Auditor's Report

RSM US LLP

To the Plan Administrator
Rogue Wave Software, Inc. Employees 401(k) Plan
Louisville, Colorado

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Rogue Wave Software, Inc. Employees 401(k) Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2015 and 2014, and the related statement of changes in net assets available for benefits for the year ended December 31, 2015, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by John Hancock Life Insurance Company (U.S.A.), the custodian of the Plan, except for comparing this information with the related information included in the financial statements. We have been informed by the Plan Administrator that the custodian holds the Plan's assets and executes transactions. The Plan Administrator has obtained certifications from the custodian as of December 31, 2015 and 2014, and for the year ended December 31, 2015, that the information provided to the Plan Administrator by the custodian is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedule, Schedule H—Part IV, Line 4i—schedule of assets (held at end of year) as of December 31, 2015, is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purposes of additional analysis and is not a required part of the financial statements. The supplemental schedule is the responsibility of the Plan's management. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified or provided by the custodian, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

RSM VS LLP

Denver, Colorado
September 26, 2016

Rogue Wave Software, Inc. Employees 401(k) Plan

**Statements of Net Assets Available for Benefits
December 31, 2015 and 2014**

	2015	2014
Assets		
Cash	\$ 6,479	\$ -
Investments, at fair value	27,713,096	28,234,426
Notes receivable from participants	133,427	224,212
Total assets	27,853,002	28,458,638
Liabilities	-	-
Net Assets Available for Benefits	\$ 27,853,002	\$ 28,458,638

See notes to financial statements.

Rogue Wave Software, Inc. Employees 401(k) Plan

Statement of Changes in Net Assets Available for Benefits Year Ended December 31, 2015

Additions to net assets attributed to:	
Investment income:	
Net appreciation in fair value of investments	\$ 81,583
Other income	100,620
	<u>182,203</u>
Interest income on notes receivable from participants	<u>6,235</u>
Contributions:	
Participants	1,213,898
Employer, net of forfeitures applied	317,455
Amounts rolled over from other plans	111,213
	<u>1,642,566</u>
Total additions	<u>1,831,004</u>
Deductions from net assets attributed to:	
Benefits paid to participants	2,400,506
Administrative fees	36,134
Total deductions	<u>2,436,640</u>
Net decrease	(605,636)
Net assets available for benefits:	
Beginning of year	<u>28,458,638</u>
End of year	<u>\$ 27,853,002</u>

See notes to financial statements.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 1. Plan Description

The following description of the Rogue Wave Software, Inc. Employees 401(k) Plan (the Plan) is provided for general information purposes only. Participants and all others should refer to the Plan document for a complete description of the Plan's provisions.

General and eligibility: The Plan is a participant-directed defined contribution plan covering all full-time employees of Rogue Wave Software, Inc. (the Company or the Plan Sponsor). Participants may enter the Plan on the first day of the month following their date of hire. There is no age or service requirement to be eligible to participate in the Plan and make elective deferrals. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), and the applicable current Internal Revenue Code provisions.

Contributions and investment options: Each year, as defined by the Plan, participants may contribute up to the maximum percentage of compensation and dollar amount permissible under the annual limits of the Internal Revenue Code. Participants may also contribute amounts representing distributions from other qualified plans. The Company may make discretionary contributions. During the year ended December 31, 2015, the Company contributed a discretionary contribution amount equal to 50 percent of each participant's elective deferrals, subject to a maximum of 6 percent of the participant's eligible compensation. Participants direct the investment of their contributions and employer contributions into various pooled separate accounts offered by the Plan. Participants may change their investment options daily.

Participant accounts: Each participant's account is credited with the participant's contributions, the Company matching contributions and allocations of Plan earnings, and is charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined in the Plan. 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 elective contributions plus investment earnings thereon, and such amounts are nonforfeitable. Vesting in the Company's discretionary matching contributions plus earnings thereon is based on years of credited service under the following schedule:

<u>Years of Vesting Service</u>	<u>Vested Percentages</u>
1 year	33 1/3%
2 years	66 2/3%
3 years	100%

In the event of Plan termination, death, permanent disability, or total disability, participants will become 100 percent vested in their account balances.

Payment of benefits: Participants or their beneficiaries are eligible for benefits upon hardship, retirement, termination, death or disability. All benefits shall be distributed through a lump sum payment. Accounts with a vested interest of less than \$1,000, upon termination for any reason, are automatically distributed in full.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 1. Plan Description (Continued)

Notes receivable from participants: Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of 50 percent of the participant's vested account balance or \$50,000 reduced by the participant's highest outstanding balance of all notes receivables (if any) during the prior 12 months. Notes receivables are due in equal installments not to exceed 5 years or 15 years for the purchase of a primary residence. Notes receivable shall bear interest at a rate equal to the prime rate or such other reasonable rate as the Plan Administrator or the Plan's investment company shall set at the time the note is made. Principal and interest is paid ratably through payroll deductions. In addition, each participant may not have more than one note receivable outstanding at any time. Notes receivables outstanding at December 31, 2015, bear interest at 3.25 percent and are due through December 2028.

Forfeitures: Participants terminating employment without being 100 percent vested in the Company's contributions forfeit the nonvested portion of their account. This occurs in the year they receive a distribution of their entire vested account balance. Forfeitures are used to either reduce future Company contributions to the Plan or to pay administrative expenses of the Plan. The outstanding balances of forfeited accounts were \$6,479 and \$0 as of December 31, 2015 and 2014, respectively. During 2015, \$27,686 of forfeitures were used to reduce Company contributions.

Administrative expenses: Certain administrative functions are performed by employees of the Company. No such employee receives compensation from the Plan. All administrative fees, other than loan fees, are first paid from the forfeiture account and then any remainder is paid by the Plan or Plan sponsor.

Investment management fees and operating expenses: Certain investment management fees charged to the Plan for investments in the mutual funds are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees are reflected as a reduction of investment return for such investments.

Note 2. Summary of Significant Accounting Policies

Basis of accounting: The accompanying financial statements have been prepared under the accrual method of accounting in accordance with accounting principles generally accepted in the United States of America.

Accounting estimates and assumptions: The preparation of financial statements in conformity with generally accepted accounting principles requires Plan management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and net assets available for benefits and changes therein and disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

Risks and uncertainties: The Plan utilizes various funds as investment instruments. Pooled separate accounts are invested in mutual funds, which are exposed to various risks, such as interest rate and credit risk and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

Investment valuation and income recognition: Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's investment committee determines the Plan's valuation policies utilizing information provided by the investment custodian and insurance company. See Note 4 for discussion of fair value measurements.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 2. Summary of Significant Accounting Policies (Continued)

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

Payment of benefits: Benefit payments to participants are recorded upon distribution.

Notes receivable from participants: Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent loans are treated as distributions based upon the terms of the Plan document.

Recently issued accounting standards: In May 2015, the FASB issued Accounting Standards Update (ASU) No. 2015-07, *Fair Value Measurement (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent)*. The amendments in this Update remove the requirement to categorize within the fair value hierarchy all investments for which fair value is measured using the net asset value per share practical expedient. However, sufficient information must be provided to permit reconciliation of the fair value of assets categorized within the fair value hierarchy to the amounts presented in the statement of financial position. The amendments also remove the requirement to make certain disclosures for all investments that are eligible to be measured at fair value using the net asset value per share practical expedient. The amendments in this Update are effective for public business entities for fiscal years beginning after December 15, 2015. For all other entities, the amendments in this update are effective for fiscal years beginning after December 15, 2016. Early adoption is permitted. Upon adoption, the amendments shall be applied retrospectively to all periods presented. The Plan adopted this Update during the 2014 plan year.

In July 2015, the FASB issued ASU No. 2015-12, *Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965)—(I) Fully Benefit-Responsive Investment Contracts, (II) Plan Investment Disclosures, and (III) Measurement Date Practical Expedient (a consensus of the FASB Emerging Issues Task Force)*. The purpose of this Update is to simplify plan accounting.

- The amendments in Part I of this Update designate contract value as the only required measure for direct investments in fully benefit-responsive investment contracts. Fully benefit-responsive investment contracts will be presented at contract value; accordingly there will no longer be an adjustment from fair value to contract value on the face of the financial statements.
- The amendments in Part II of this Update will eliminate the requirements for plans to disclose (1) individual investments that represent 5 percent or more of net assets available for benefits and (2) the net appreciation or depreciation for investments by general type for both participant-directed investments and nonparticipant-directed investments. The net appreciation or depreciation in investments for the period will still be required to be presented in the aggregate. In addition, if an investment is measured using the net asset value per share (or its equivalent) practical expedient in Topic 820 and that investment is in a fund that files a U.S. Department of Labor Form 5500, Annual Return/Report of Employee Benefit Plan as a direct filing entity, disclosure of that investment's strategy will no longer be required.
- The amendments in Part III of this Update reduce complexity in employee benefit plan accounting by providing a practical expedient that permits plans to measure investments and investment related accounts as of a month-end date that is closest to the plan's fiscal year-end, when the fiscal period does not coincide with month-end.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 2. Summary of Significant Accounting Policies (Continued)

The Update may be adopted in whole or by part (I, II, and III), as applicable. The amendments in this Update are effective for fiscal years beginning after December 15, 2015. Early adoption is permitted. Upon adoption, the amendments in Parts I and II shall be applied retrospectively to all periods presented; the amendments in Part III shall be applied prospectively. The Plan adopted this Update during the 2014 plan year. The impact of adopting these amendments is reflected in the financial statements.

Subsequent events: The Plan Administrator evaluated subsequent events through September 26, 2016, the date the financial statements were available to be issued and concluded there are no subsequent events requiring disclosure.s

Note 3. Information Certified and Provided by John Hancock Life Insurance Company (U.S.A.)

The following is a summary of the Plan's asset information as of December 31, 2015 and 2014, and for the year ended December 31, 2015, included throughout the Plan's financial statements and supplemental schedule, that was prepared by or derived from information provided by John Hancock Life Insurance Company (U.S.A) (the Custodian) and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the Custodian that information provided to the Plan Administrator by the Custodian related to the following assets is complete and accurate. Accordingly, as permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan Administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to information which appears throughout the financial statements and the supplemental schedule related to the following assets:

	2015	2014
Cash	\$ 6,479	\$ -
Investments, at fair value	27,713,096	28,234,426
Notes receivable from participants	133,427	224,212

The Custodian also certified to the completeness and accuracy of the investment income information (including investments bought, sold and held during the year), other income and interest income on notes receivable from participants for the year ended December 31, 2015, included on the accompanying statement of changes in net assets available for benefits.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 4. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. In determining fair value, the Company uses various methods including the market, income and cost approaches. Inputs to valuation techniques refer to the assumptions that market participants would use in pricing the asset or liability. Inputs may be observable, meaning those that reflect the assumptions market participants would use in pricing the asset or liability developed based on market data obtained from independent sources, or unobservable, meaning those that reflect the Plan's own assumptions about the assumptions market participants would use in pricing the asset or liability developed based on the best information available in the circumstances. In that regard, the guidance establishes a fair value hierarchy for valuation inputs that give the highest priority to quoted prices in active markets for identical assets or liabilities and the lowest priority to unobservable inputs. The fair value hierarchy is as follows:

- Level 1:** Quoted prices (unadjusted) for identical assets or liabilities in active markets that the Plan has the ability to access as of the measurement date.
- Level 2:** Significant other observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or other inputs that are observable or can be corroborated by observable market data.
- Level 3:** Significant unobservable inputs that reflect the Plan's own assumptions about the assumptions that market participants would use in pricing an asset or liability.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value:

Pooled separate accounts: Unit value calculated based on the observable net asset value (NAV) of the underlying investment. NAV is used as a practical expedient.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain investments could result in a different fair value measurement at the reporting date. There have been no changes in the methodologies used at December 31, 2015 and 2014. There were no significant transfers between Level 1, 2 or 3 assets during the year ended December 31, 2015.

Due to the adoption of ASU 2015-07 (Note 2), pooled separate accounts are not required to be categorized within the fair value hierarchy.

Note 5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right to terminate the Plan at its discretion. In the event of termination, the net assets of the Plan, after payment of any expenses properly charged, will be distributed to each participant according to the amount then credited to his or her account.

Rogue Wave Software, Inc. Employees 401(k) Plan

Notes to Financial Statements

Note 6. Tax Status

Effective January 1, 2012, the Plan adopted a non-standardized form of a prototype plan sponsored by the Custodian. The prototype plan has received an opinion letter from the Internal Revenue Service dated September 30, 2014, as to the prototype plan's qualified status. The prototype plan opinion letter has been relied upon by this Plan. Although the Plan has been amended since receiving opinion letter, the Plan Administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code.

The Plan applies the standards of accounting for uncertainty in income taxes. The Plan Administrator evaluated the Plan's tax positions and concluded that the Plan has maintained its tax exempt status and has taken no uncertain tax positions that require adjustments to the financial statements; therefore, no provision of liability for income taxes has been included in the financial statements.

Note 7. Related Party Transactions

Certain Plan investments are shares of pooled separate accounts, which are managed by the Custodian and therefore qualify as party-in-interest transactions. Service charges paid by the Plan for the investment management services were \$59,919 for the year ended December 31, 2015.

Rogue Wave Software, Inc. Employees 401(k) Plan**Schedule of Assets (Held at End of Year)
December 31, 2015**

Identity of Issuer, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date and Rate of Interest	Current Value
Cash	Cash	\$ 6,479
John Hancock USA*	Stable Value Fund	2,950,089
John Hancock USA*	Retirement Choices at 2050	21,861
John Hancock USA*	Retirement Choices at 2045	1,046,329
John Hancock USA*	Retirement Choices at 2040	757,807
John Hancock USA*	Retirement Choices at 2035	1,103,927
John Hancock USA*	Retirement Choices at 2030	832,068
John Hancock USA*	Retirement Choices at 2025	97,469
John Hancock USA*	Retirement Choices at 2020	652,785
John Hancock USA*	Retirement Choices at 2015	155,332
John Hancock USA*	Retirement Choices at 2010	148,832
John Hancock USA*	Lifestyle Aggressive	258,349
John Hancock USA*	Lifestyle Growth	1,075,375
John Hancock USA*	Lifestyle Balanced	818,764
John Hancock USA*	Lifestyle Moderate	107,701
John Hancock USA*	Lifestyle Conservative	97,847
John Hancock USA*	FID Total	811,742
DFA	Emerging Markets Value	35,504
Oppenheimer Funds	Oppenheimer Developing Market	79,814
T. Rowe Price Funds	T. Rowe Price Science & Tech	337,910
John Hancock USA*	Blue Chip Growth Fund	2,891,648
Lord Abbett & Co. LLC.	Lord Abbett Value Opps Fund	84,081
John Hancock USA*	Equity Income Fund	1,156,105
John Hancock USA*	500 Index Fund	4,235,116
T. Rowe Price Funds	T. Rowe Price Health Science	1,035,395
John Hancock USA*	Mid Cap Index Fund	584,590
John Hancock USA*	Mid Value Fund	914,758
Prudential	Prudential Jennison Mid Growth Fund	873,555
Royce	Royce Opportunity	40,787
DFA	U.S. Targeted Value Fund	310,332
DFA	U.S. Small Cap Fund	74,042
	Subtotal	23,596,393

(Continued)

Rogue Wave Software, Inc. Employees 401(k) Plan**Schedule of Assets (Held at End of Year) (Continued)
December 31, 2015**

Identity of Issuer, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date and Rate of Interest	Current Value
Subtotal brought forward		\$ 23,596,393
John Hancock USA*	Small Cap Growth Index	464,796
John Hancock USA*	International Value Fund	75,537
John Hancock USA*	International Equity Index Fund	588,432
John Hancock USA*	Small Cap Index Fund	680,811
Oppenheimer Funds	Oppenheimer International Growth Fund	397,771
American Funds	EuroPacific Growth Fund	215,744
PIMCO	PIMCO All Asset	80,250
John Hancock USA*	U.S. High Yield Bond Fund	130,393
Franklin Templeton Investments	Templeton Global Bond Fund	269,003
John Hancock USA*	Strategic Income Opp Fund	675,105
MFS	Mass Investors Fund	545,340
		<u>27,719,575</u>
Participants*	Notes receivable from participants (interest rates of 3.25%, maturities through December 2028)	<u>133,427</u>
		<u><u>\$ 27,853,002</u></u>

*Represents a party-in-interest

The above information has been certified by John Hancock Life Insurance Company (U.S.A.), the Custodian, as complete and accurate.

Schedule H, Line 4i
Schedule of Assets (Held At End of Year)

Name of Plan:

► ROGUE WAVE SOFTWARE, INC. EMPLOYEES 401(K) PLAN

Employer Identification Number: ► 85-0373486

For plan year (beginning/ending): ► 01/01/2015-12/31/2015

Plan number: ► 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	JH Ret To 2050 Managed Port	POOLED SEPARATE ACCOUNT		21861
*	JH Ret To 2045 Managed Port	POOLED SEPARATE ACCOUNT		1046329
*	JH Ret To 2040 Managed Port	POOLED SEPARATE ACCOUNT		757807
*	JH Ret To 2035 Managed Port	POOLED SEPARATE ACCOUNT		1103927
*	JH Ret To 2030 Managed Port	POOLED SEPARATE ACCOUNT		832068
*	JH Ret To 2025 Managed Port	POOLED SEPARATE ACCOUNT		97469
*	JH Ret To 2020 Managed Port	POOLED SEPARATE ACCOUNT		652785
*	JH Ret To 2015 Managed Port	POOLED SEPARATE ACCOUNT		155332
*	JH Ret To 2010 Managed Port	POOLED SEPARATE ACCOUNT		148832
*	JH LS Agg Active Strategy	POOLED SEPARATE ACCOUNT		258349
*	JH LS Grow Active Strategy	POOLED SEPARATE ACCOUNT		1075375
*	JH LS Bal Active Strategy	POOLED SEPARATE ACCOUNT		818764
*	JH LS Mod Active Strategy	POOLED SEPARATE ACCOUNT		107701
*	JH LS Con Active Strategy	POOLED SEPARATE ACCOUNT		97847
*	DFA Emerging Markets Value	POOLED SEPARATE ACCOUNT		35504
*	Royce Opportunity	POOLED SEPARATE ACCOUNT		40787
*	International Value Fund	POOLED SEPARATE ACCOUNT		75537
*	DFA US Targeted Value Fund	POOLED SEPARATE ACCOUNT		310332
*	T. Rowe Price Sci & Tech	POOLED SEPARATE ACCOUNT		337910
*	Vanguard Small Cap Grow Index	POOLED SEPARATE ACCOUNT		464796
*	Oppenheimer Developing Mkt	POOLED SEPARATE ACCOUNT		79814
*	Intl Equity Index Fund	POOLED SEPARATE ACCOUNT		588432
*	DFA U.S. Small Cap Fund	POOLED SEPARATE ACCOUNT		74042
*	Small Cap Index Fund	POOLED SEPARATE ACCOUNT		680811
*	EuroPacific Growth Fund	POOLED SEPARATE ACCOUNT		215744
*	Oppenheimer Intl Growth Fund	POOLED SEPARATE ACCOUNT		397771
*	T. Rowe Price Health Sci	POOLED SEPARATE ACCOUNT		1035395
*	Lord Abbett Value Opps Fund	POOLED SEPARATE ACCOUNT		84081
*	Mid Cap Index Fund	POOLED SEPARATE ACCOUNT		584590
*	Blue Chip Growth Fund	POOLED SEPARATE ACCOUNT		2891648
*	Mid Value Fund	POOLED SEPARATE ACCOUNT		914758
*	Massachusetts Investors Fund	POOLED SEPARATE ACCOUNT		545340
*	Pru Jennison Mid Growth Fund	POOLED SEPARATE ACCOUNT		873555
*	Equity Income Fund	POOLED SEPARATE ACCOUNT		1156105
*	500 Index Fund	POOLED SEPARATE ACCOUNT		4235116
*	PIMCO All Asset	POOLED SEPARATE ACCOUNT		80250
*	Templeton Global Bond Fund	POOLED SEPARATE ACCOUNT		269003
*	Strategic Income Opp Fund	POOLED SEPARATE ACCOUNT		675105
*	U.S. High Yield Bond Fund	POOLED SEPARATE ACCOUNT		130393
*	Total Return Fund	POOLED SEPARATE ACCOUNT		811742
*	John Hancock Stable Val	POOLED SEPARATE ACCOUNT		2950089
*	PARTICIPANT LOANS	LOANS		133427