# Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Possion Reports Guaranty Corporation

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

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

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OMB Nos. 1210-0110

1210-0089

2012

This Form is Open to Public Inspection

-	ension be	ment Guaranty Corporation	<ul> <li>Complete all entries in acc</li> </ul>	cordance with the instru	uctions to the Form 550	0-SF.		
Pa	art I	Annual Report	Identification Information					
For	calenda	ar plan year 2012 or fis	scal plan year beginning 08/01/2	2012	and ending 0	7/31/2	2013	
Α -	This ret	urn/report is for:	X a single-employer plan	a multiple-employer	plan (not multiemployer)		a one-partici	pant plan
		urn/report is:	the first return/report	the final return/report	t		ш	
	11110100	antificipant io.	an amended return/report	<u> </u>	irn/report (less than 12 mo	onths)	ı	
_	o		님 .	吕 ' '	minoport (1000 than 12 mi	0111110)	DFVC progra	am
C	Check t	oox if filing under:	Form 5558	automatic extension			☐ DF VC progra	ATT1
			special extension (enter descri	. ,				
	rt II		rmation—enter all requested info	ormation				
	Name					1b	Three-digit	
<i>3</i> RAN	ND LOD	GE OF KENTUCKY F	REE AND ACCEPTED MASONS I	PENSION PLAN			plan number (PN)	001
						10	Effective date o	1
						10		/1978
2a	Plan sr	oonsor's name and ad	dress; include room or suite numbe	r (employer, if for a single	e-employer plan)	2h	Employer Identi	
GRAI	ND LO	OGE OF KENTUCKY	REE AND ACCEPTED MASONS	. (				207400
						2c	Sponsor's telep	hone number
300 N	//ASON	IC HOME DRIVE					502-89	
MAS	ONIC H	IOME, KY 40041-9999				2d	Business code	(see instructions)
							81300	00
3a	Plan ad	dministrator's name ar	id address 🏻 Same as Plan Spons	or Name Same as Pla	an Sponsor Address	3b	Administrator's	EIN
						20	A -1 '- '- t t1	talanda a a sanah an
						30	Administrator's	telephone number
4	If the n	name and/or FIN of the	e plan sponsor has changed since t	he last return/report filed	for this plan, enter the	4h	EIN	
•			nber from the last return/report.	no laot rotali proport mod	ror and plant, order and	70	LIIV	
а	Sponso	or's name				4c	PN	
5a	Total r	number of participants	at the beginning of the plan year			5a		9
b	Total r	number of participants	at the end of the plan year			5b		9
С	Numbe	er of participants with a	account balances as of the end of tl	ne plan vear (defined ber	nefit plans do not			
					•	5c		
6a	Were	all of the plan's assets	s during the plan year invested in el	igible assets? (See instru	ictions.)			X Yes No
b	Are yo	ou claiming a waiver of	the annual examination and report	of an independent qualif	ied public accountant (IQ	PA)		
			(See instructions on waiver eligibil					X Yes   No
	If you	answered "No" to ei	ther line 6a or line 6b, the plan ca	annot use Form 5500-SI	F and must instead use	Form	5500.	
			or incomplete filing of this return					
			ner penalties set forth in the instruct nd signed by an enrolled actuary, as					
		rue, correct, and comp		s well as the electronic ve	ersion of this return/report	, and	to the best of my	Knowledge and
	,	· · · · ·						
SIG		Filed with authorized/	valid electronic signature.	12/19/2013	JOSEPH R. CONWAY	′		
HERE		Signature of plan a	dministrator	Date	Enter name of individu	dividual signing as plan administrator		
SIG	N							
HEF		Signature of ample	ver/plen energy	Date	Enter name of individe	uol oio	rning on omploye	or or plan anangar
Prer	narer's	Signature of emplo	genplan sponsor ame, if applicable) and address; inc		Enter name of individuer (optional)			number (optional)
•		(	,, and dadrood, int		- (//		2. 2. 2. to.opiioilo	(opsional)

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Pa	rt III Financial Information										
7	Plan Assets and Liabilities		(a) Beginning of Yea	or.			(b) End	of V	aar		
<u>,</u>	Total plan assets	7a	(a) beginning of rea				(b) Liid		52299 <sub>4</sub>	1	
	Total plan liabilities	7a 7b	34743	13				•	32299	+	
	Net plan assets (subtract line 7b from line 7a)	7c	54745	:a					522994	1	
8	Income, Expenses, and Transfers for this Plan Year	70		13			(b) T		)2299	+	
	Contributions received or receivable from:		(a) Amount				(b) T	otai			
	(1) Employers	8a(1)	2000	0							
	(2) Participants	8a(2)									
	(3) Others (including rollovers)	8a(3)									
b	Other income (loss)	8b	8257	<b>'</b> 6							
С	Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c						1	02576	6	
d	Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	2191	3							
е	Certain deemed and/or corrective distributions (see instructions)	8e									
f	Administrative service providers (salaries, fees, commissions)	8f	512	28							
g	Other expenses	8g									
h	Total expenses (add lines 8d, 8e, 8f, and 8g)	8h							2704	1	
i	Net income (loss) (subtract line 8h from line 8c)								7553	5	
j	Transfers to (from) the plan (see instructions)	8j									
Pai	t IV Plan Characteristics										
9a	9a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:  1A 1G 3D										
b	b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:										
Dar	Part V Compliance Questions										
10	•				Yes	No	Ī	Α			
a	During the plan year:  Was there a failure to transmit to the plan any participant contribu	tions within	n the time period described in	l	103	110		Amo	Juni		
	29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fidu			10a		X					
b	Were there any nonexempt transactions with any party-in-interest on line 10a.)			10b		X					
С	Was the plan covered by a fidelity bond?			10c	X					100	0000
d	Did the plan have a loss, whether or not reimbursed by the plan's or dishonesty?			10d		X				100	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
е	Were any fees or commissions paid to any brokers, agents, or oth										
·	insurance service or other organization that provides some or all of					X					
	instructions.)			10e		1					
f	Has the plan failed to provide any benefit when due under the plan	n?		10f		X					
g	Did the plan have any participant loans? (If "Yes," enter amount a	s of year e	end.)	10g		X					
h	If this is an individual account plan, was there a blackout period? (2520.101-3.)	•		10h							
i	If 10h was answered "Yes," check the box if you either provided the exceptions to providing the notice applied under 29 CFR 2520.10			10i							
Part	VI Pension Funding Compliance										
11	Is this a defined benefit plan subject to minimum funding requirem							X	Yes	П	No
112	5500) and line 11a below)										
12	Is this a defined contribution plan subject to the minimum funding				ction		FRISA?	Г	Yes	Y	No
12	• • • • • • • • • • • • • • • • • • • •			OI 56	CHUII	JUZ UI	LNISA!		.03	^	110
a	(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, If a waiver of the minimum funding standard for a prior year is being granting the waiver.	ng amortize	ed in this plan year, see instru		, and	_	ne date of t			ling	
If	granting the waiver					Day		Yea			
	Enter the minimum required contribution for this plan year	•			Ī	12b					

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			1	
C	Enter the amount contributed by the employer to the plan for this plan year	12c		
d	Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	12d		
<u>e</u>	Will the minimum funding amount reported on line 12d be met by the funding deadline?		Yes	No N/A
Part	VII Plan Terminations and Transfers of Assets			
13a	Has a resolution to terminate the plan been adopted in any plan year?		Yes X No	
	If "Yes," enter the amount of any plan assets that reverted to the employer this year	. 13a		
b	Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the of the PBGC?	control		Yes X No
С	If during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) which assets or liabilities were transferred. (See instructions.)	to		
1	3c(1) Name of plan(s):	13c(2) E	EIN(s)	<b>13c(3)</b> PN(s)
Part	VIII Trust Information (optional)			
14a	Name of trust	14b	Trust's EIN	
		l		

# **SCHEDULE SB** (Form 5500)

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

For calendar plan year 2012 or fiscal plan year beginning

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

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

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

08/01/2012

and ending

07/31/2013

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

b Actuarial value			ff amounts to neares		a of this reserve	unlooc *cc=	anabla sa	uugo jo ootablist s				
E Type of plan: Single   Multiple-A   Multiple-B   F Prior year plan size: 100 or fewer 101-500   More than 500    Part I Basic Information   T Enter the valuation date: Month 08 Day 01 Year 2012    2 Assets:	ΑN	lame of p	olan		•		лаые са	B Three-dig	it	<b>&gt;</b>	001	
E Type of plan: Single   Multiple-A   Multiple-B   F Prior year plan size: 100 or fewer 101-500   More than 500    Part I Basic Information   T Enter the valuation date: Month 08 Day 01 Year 2012    2 Assets:												
Part   Basic Information   1								1 .7.	dentification	Number (E	EIN)	
1 Enter the valuation date: Month 08 Day 01 Year 2012 2 Assets: a Market value	Ет	ype of pla	an: X Single Mu	Itiple-A Multiple-B	F	Prior year pla	an size: 🔀	100 or fewer	101-500	More th	nan 500	
Assets:  a Market value	Pa	rt I	Basic Informatio	 1						<b>—</b>		
a Market value	1				Day01	Year _	2012	_				
b Actuarial value	2	Assets:										
3 Funding target/participant count breakdown:  a For retired participants and beneficiaries receiving payment.  b For terminated vested participants.  c For active participants:  (1) Non-vested benefits.  (1) Non-vested benefits.  (1) Non-vested benefits.  (2) Vested benefits.  (3) Total active.  (3) Sac(3)  (3) Total active.  (4) If the plan is in at-risk status, check the box and complete lines (a) and (b).  a Funding target disregarding prescribed at-risk assumptions.  b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.  5 Effective interest rate.  5 Target normal cost.  5 Target normal cost.  To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions. In combination, offer my best estimate of anticipated experience under the plan.  SIGN  HERE		<b>a</b> Marke	et value						. 2a			547030
a For retired participants and beneficiaries receiving payment 3a 2 7915 b For terminated vested participants. 3b 1 7372 c For active participants:  (1) Non-vested benefits. 3c(1) 307 (2) Vested benefits. 3c(2) 30625 (3) Total active 3c(3) 6 30933 d Total active 3c(3) 7000 a Funding target disregarding prescribed at-risk assumptions 4 b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor 4b  5 Effective interest rate 5 7.11 % 6 Target normal cost. 5 7.11 % 6 Target normal cost. 6 1750  Statement by Enrolled Actuary To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.  Signature of actuary  Date		<b>b</b> Actua	arial value						. 2b			541083
b For terminated vested participants.  C For active participants:  (1) Non-vested benefits.  (2) Vested benefits.  (3) Total active.  (3) Total active.  (4) If the plan is in at-risk status, check the box and complete lines (a) and (b).  (5) Funding target disregarding prescribed at-risk assumptions.  (6) Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.  (7) Effective interest rate.  (8) Target normal cost.  (9) Statement by Enrolled Actuary  To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.  SIGN  HERE  Signature of actuary  Date	3	Funding	g target/participant cou	nt breakdown:			(1) N	umber of particip	ants	(2) F	unding Target	
C For active participants:  (1) Non-vested benefits		<b>a</b> For re	etired participants and	beneficiaries receiving pay	ment	. 3a			2			79154
(1) Non-vested benefits 3c(1) 307 (2) Vested benefits 3c(2) 330(2) 30625 (3) Total active 3c(3) 6 30933 (d Total		<b>b</b> For te	erminated vested partic	cipants		. 3b			1			73720
(2) Vested benefits 3c(2) 30625 (3) Total active 3c(3) 6 30933 d Total		<b>C</b> For a	ctive participants:									
(3) Total active		(1)										3079
d Total		(2)	Vested benefits									306254
4 If the plan is in at-risk status, check the box and complete lines (a) and (b) 4  a Funding target disregarding prescribed at-risk assumptions 4  b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor 4  5 Effective interest rate 5 7,11 %  6 Target normal cost 6 17500  Statement by Enrolled Actuary  To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.  SIGN  HERE  Signature of actuary  Date		(-)										309333
a Funding target disregarding prescribed at-risk assumptions		<b>d</b> Total				3d			9			462207
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4	If the plant	an is in at-risk status, o	check the box and complete	e lines (a) and (	(b)						
at-risk status for fewer than five consecutive years and disregarding loading factor									. 4a			
5 Effective interest rate									4b			
6 Target normal cost	-5					<u> </u>			+ + + + + + + + + + + + + + + + + + + +		7	11 %
Statement by Enrolled Actuary  To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.  SIGN HERE  Signature of actuary  Date											<u>'</u>	
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.  SIGN HERE  Signature of actuary  Date									· <u>·</u>			17300
HERE 11/25/2013 Signature of actuary Date	T a	o the best of	of my knowledge, the informati with applicable law and regula	tions. In my opinion, each other ass								
,	_	_								11/25/20	013	
VENNETH E HOHMAN				Signature of actuary						Date		
KENNETH F. HOHMAN 11-03101	KEN	NETH F.	HOHMAN							11-031	01	
Type or print name of actuary  Most recent enrollment number			Ту	pe or print name of actuar	у				Most recei	nt enrollme	ent number	
BRYAN PENDLETON SWATS & MCALLISTER 502-244-7828	BRY	AN PENI	DLETON SWATS & M	CALLISTER				_		502-244	1-7828	
Firm name  11807 BRINLEY AVENUE, SUITE 101 LOUISVILLE, KY 40243-1090  Telephone number (including area code)								Те	lephone num	nber (inclu	ding area code)	
Address of the firm				Address of the firm				_				
If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see			has not fully reflected a	ny regulation or ruling pror	mulgated under	the statute	in comple	eting this schedul	e, check the	box and s	ee	

Page 2	-	
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Schedule SB (Form 5500) 2012

Pa	rt II	Begin	ning of Year Carryov	er Prefunding Baland	es							
			,			(a) (	Carryover balance		(b) F	Prefundi	ng balan	се
7		Ū	0 , , , , , , , , , , , , , , , , , , ,	icable adjustments (line 13 f	•		49	9610				0
8			. ,	funding requirement (line 35			2	2190				0
9	Amoun	t remainii	ng (line 7 minus line 8)				47	7420				0
10	Interest	on line 9	using prior year's actual re	turn of 3.99%			1	1892				
11	Prior ye	ar's exce	ess contributions to be adde	d to prefunding balance:								
	<b>a</b> Prese	ent value	of excess contributions (line	e 38a from prior year)								0
				interest rate of5.69 %								0
	<b>C</b> Total	available	at beginning of current plan y	rear to add to prefunding balar	ce							0
	<b>d</b> Porti	on of (c)	to be added to prefunding b	alance								
12	Other re	eductions	s in balances due to election	s or deemed elections				0				0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)								0			
P	art III	Fun	ding Percentages									
14	Fundin	g target a	ttainment percentage							14	106	39 %
15	15 Adjusted funding target attainment percentage							15	117	.06 %		
16	-		• • • • • • • • • • • • • • • • • • • •	s of determining whether car		-	•			16	93	3.11 %
17	17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage											
P	art IV	Con	tributions and Liquid	lity Shortfalls								
18	Contrib	utions ma	ade to the plan for the plan	year by employer(s) and emp	oloyees:							
(N	( <b>a)</b> Dat IM-DD-Y		(b) Amount paid by employer(s)	(c) Amount paid by employees	( <b>a)</b> Da (MM-DD-)		(b) Amount paid employer(s)		(0		ınt paid b oyees	у
11	/14/2013	3	20000									
					Totals ►	18(b)		20000	18(c)			0
19	Discour	nted emp	loyer contributions – see ins	structions for small plan with	a valuation d	ate after th	_ ~ ~ <del>_</del>					
	<b>a</b> Cont	ributions	allocated toward unpaid mi	nimum required contributions	from prior ye	ears	<b>—</b>	19a				0
	<b>b</b> Contributions made to avoid restrictions adjusted to valuation date											
	<b>C</b> Conti	ributions a	allocated toward minimum red	quired contribution for current y	ear adjusted t	to valuation	n date	19c				18307
20		•	outions and liquidity shortfall							r-	7 -	7
			_	the prior year?						<u>&gt;</u>	Yes	No
	<b>b</b> If line	20a is "	Yes," were required quarter	y installments for the current	year made ii	n a timely	manner?			<mark>&gt;</mark>	Yes	No
	<b>C</b> If line	20a is "	Yes," see instructions and c	omplete the following table a								
		(1) 15	et I	Liquidity shortfall as of e	nd of quarter		n year 3rd			(4) 4th	n	
		(1) 13	0	( <i>L</i> ) LIIV		(0)	0			(+) -1	•	0

Pa	rt V	Assumptio	ns Used to Determine	Funding Target and Targe	t Normal Cost				
21		unt rate:	no occu to betermine	runanig raigerana raige	t Horman Goot				
	<b>a</b> Seg	gment rates:	1st segment: 5.54%	2nd segment: 6.85%	3rd segment: 7.52 %	II.	N/A, full yield	curve	used
	<b>b</b> App	olicable month (	enter code)			21b			0
22	Weigh	ted average ret	tirement age			. 22			65
23	Mortal	ity table(s) (se	e instructions)	escribed - combined X Pre	scribed - separate	Substitut	te		
Pa	rt VI	Miscellane	ous Items						
24		-		tuarial assumptions for the current				l Yes	X No
25	Has a	method change	e been made for the current pl	an year? If "Yes," see instructions	regarding required attac	chment		Yes	X No
26	Is the	plan required to	provide a Schedule of Active	Participants? If "Yes," see instruc	tions regarding required	attachment	X	Yes	No
27		•	o alternative funding rules, en	ter applicable code and see instruc	tions regarding	27			
Pa	rt VII	Reconcilia	ation of Unpaid Minim	um Required Contribution	s For Prior Years				
28	Unpaid	d minimum requ	uired contributions for all prior	years		. 28			0
29	9 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)				29			0	
30	Remai	ining amount of	f unpaid minimum required co	ntributions (line 28 minus line 29)		. 30			0
Pa	Part VIII Minimum Required Contribution For Current Year								
31			nd excess assets (see instruc	· · · · · · · · · · · · · · · · · · ·		1			
	<b>a</b> Targ	et normal cost	(line 6)			. 31a			17500
	<b>b</b> Excess assets, if applicable, but not greater than line 31a				. 31b			17500	
32	Amortization installments:  Outstanding Bal				Installm	ent			
						0			0
				to the date of the order between	Con the constant	0			0
33				nter the date of the ruling letter gran ) and the waived amount		33			
34	Total f	unding requirer	ment before reflecting carryove	er/prefunding balances (lines 31a -	31b + 32a + 32b - 33)	. 34			0
				Carryover balance	Prefunding bala	nce	Total bal	ance	
35			use to offset funding	0		0			0
36	Additio	onal cash requi	rement (line 34 minus line 35)			36			0
37				ontribution for current year adjuste		37			18307
38	Preser	nt value of exce	ess contributions for current ye	ear (see instructions)					
	<b>a</b> Tota	l (excess, if any	y, of line 37 over line 36)			. 38a			18307
	<b>b</b> Port	ion included in	line 38a attributable to use of	prefunding and funding standard c	arryover balances	. 38b			0
39				ear (excess, if any, of line 36 over	•	. 39			0
	40 Unpaid minimum required contributions for all years								
	rt IX			Pension Relief Act of 2010	(See Instructions)	)			
41	If an el	lection was mad	de to use PRA 2010 funding re	elief for this plan:		-	, -		
	<b>a</b> Sche	edule elected				<u> [</u>	2 plus 7 years	15 y	ears
	<b>b</b> Eligi	ble plan year(s	) for which the election in line	41a was made		200	8 2009 2010	) [ ] 2	2011
			-			. 42			
13	Evene	s inctallment ac	coloration amount to be carrie	d over to future plan vears		43			

# **SCHEDULE SB** (Form 5500)

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

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

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

2012

OMB No. 1210-0110

This Form is Open to Public Inspection

Pension Benefit Guaranty Corporation	▶ File as an attachn	ent to Form	5500 or	5500-SF.		·	
For calendar plan year 2012 or fiscal p		1/2012		and endi	ng	07/31/203	13
► Round off amounts to nearest de	ollar.	The state of the s					
► Caution: A penalty of \$1,000 will b	e assessed for late filing of this report	unless reasor	nable cau	se is establish	ed.		
A Name of plan				B Three-dig	jit		
				plan num	ber (PN)	<b>&gt;</b>	001
GRAND LODGE OF KENTUCKY	Y F. & A.M. PENSION PLA	N					
C Plan sponsor's name as shown on li	ine 2a of Form 5500 or 5500-SF			D Employer	Identification	Number (EIN)	
						(=)	
GRAND LODGE OF KENTUCKY	Y FREE AND ACCEPTED MAS	ONS		61-0207	400		
E Type of plan: X Single Multiple	e-A Multiple-B	Prior year plan	n size: X	100 or fewer	101-500	More than 500	
Part I Basic Information							
1 Enter the valuation date:	Month8 Day1	Year	2012				
2 Assets:							
a Market value					2a		547,030
<b>b</b> Actuarial value					2b		541,083
3 Funding target/participant count b	oreakdown:		(1) Nu	mber of partici	pants	(2) Funding	Target
a For retired participants and ben	neficiaries receiving payment	. 3a			2		79,154
<b>b</b> For terminated vested participa	ants	3b			1		73,720
<b>c</b> For active participants:							
(1) Non-vested benefits		3c(1)					3,079
(2) Vested benefits		3c(2)					306,254
(3) Total active		3c(3)			6		309,333
<b>d</b> Total		3d			9		462,207
4 If the plan is in at-risk status, chec	ck the box and complete lines (a) and (	b)	[		6.0		side .
a Funding target disregarding pre	escribed at-risk assumptions				4a		
	assumptions, but disregarding transition for a security and disregarding transitions and disregarding transitions.				4b		
_					5		7.11 %
6 Target normal cost					6		17,500
Statement by Enrolled Actuary		,					
	upplied in this schedule and accompanying schedul Lin my opinion, each other assumption is reasonabled ted experience under the plan.						
SIGN HERE					A la	15 2412	
7 7	Signature of actuary				1000	_ <u>25, 2613</u> Date	
KENNETH F. HOHMAN	Signature of actuary				1	1-03101	
	or print name of actuary					nt enrollment numb	ner
BRYAN PENDLETON SWATS &						2) 244-7828	701
Zini I Bij BB I On Omillo a	Firm name			T		ber (including are	a code)
11807 BRINLEY AVENUE, SU				16	op.iorio man	(ordaing are	_ 3030)
LOUISVILLE	KY 402	43-1090					
	Address of the firm						
If the actuary has not fully reflected any	regulation or ruling promulgated under	the statute in	completi	ng this schedu	le, check the	box and see	

# Schedule SB, Line 19 – Discounted Employer Contributions Plan Name: Grand Lodge of Kentucky Free and Accepted Masons Pension Plan

PLAN YEAR: 2012

EIN/PN: 61-0207400/001

Effective Interest Rate: 7.11%

Total	\$20,000.00		\$18,307.07
11/14/2013	20,000.00	470	18,307.07
Contribution	Amount	8/1/2012	8/1/2012
Date of		Days After	Discounted to

# **Summary of Actuarial Assumptions**

# (Sample Values per 1,000 Lives)

PLAN YEAR: 2012

EIN/PN: 61-0207400/001

	AGE				
	25	40	55	60	
<b>Mortality Rates</b>					
IRS Generational Mortality Tables with Pre and Post	Commencement R	ates			
Males (pre-commencement)	0.38	1.08	3.03	4.88	
Females (pre-commencement)	0.21	0.71	2.53	3.93	
Males (post-commencement)	0.38	1.08	5.91	8.20	
Females (post-commencement)	0.21	0.71	3.53	6.20	
With projected mortality improvements after year 20	00 under Projection	Scale AA (m	ale and femal	le scales)	
Withdrawal Rates					
Estimated Experience (1st Year Select)	342.40	316.90	250.60	219.40	
Estimated Experience (2nd Year Select)	140.20	133.30	116.20	105.90	
Estimated Experience (Ultimate)	86.40	51.30	34.50	31.30	
<b>Disablement Rates</b>					
Experience of Railroad Retirement System	1.00	2.40	21.30	10.80	

# **Salary Scale**

5% per annum increases to age 65

# **Rate of Retirement**

100% at age 65.

# **Rate of Investment Return**

	Segment 1	Segment 2	Segment 3
	(0 to 5 Years)	(5 to 20 Years)	(More than 20 Years)
Funding Target	5.54% per annum	6.85% per annum	7.52% per annum
Effective Interest Rate	7.11% per annum	7.11% per annum	7.11% per annum
Maximum Tax Deductible Contribution	1.77% per annum	4.67% per annum	5.78% per annum
PBGC Premium Funding Target	1.77% per annum	4.67% per annum	5.78% per annum
Plan Termination Value	1.60% per annum	3.97% per annum	4.93% per annum
ASC 960	7.25% per annum	7.25% per annum	7.25% per annum

# **Actuarial Valuation Method**

Unit Credit

Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
Plan Name: Grand Lodge of Kentucky Free and Accepted Masons Pension Plan

#### **Asset Valuation Method**

Market value adjusted for any accruals and further adjusted for weighted gains and losses during the prior 2 years. Weighted gains and losses for each plan year reflect interest at the applicable third segment rate. The resulting value shall not be more than 110% or less than 90% of market value.

PLAN YEAR: 2012

C-----

EIN/PN: 61-0207400/001

#### Form of Payment

Single life annuity

# **Provision for Expenses**

Replacement of previous year's administrative expenses.

#### **Other Assumptions**

Marital status at benefit commencement -- 90% married with female spouses 4 years younger than male spouses.

Top-Heavy status -- not top-heavy.

Current Code section 401(a)(17) compensation limitation -- \$250,000.

Current Code section 415(b) annual benefit limitation -- \$200,000.

Cost-of-Living escalation for Code section 401(a)(17) and 415(b) -- none.

#### **Changes in Assumptions From Prior Actuarial Valuation**

	<u>Previous</u>	Current
Funding Target Interest Rates	Three Segment Yield Curve	Three Segment Yield Curve
	2.94%, 5.82% & 6.46%	5.54%, 6.85% & 7.52%

Reason: In recognition of interest rate environment as measured by methodology set forth in Code \$430(h)(2) as amended by the Moving Ahead for Progress in the  $21^{st}$  Century Act.

D......

	<u>Previous</u>	Current
Maximum Tax Deductible Contribution and	Three Segment Yield Curve	Three Segment Yield Curve
PBGC Funding Target Interest Rates (0	2.94%, 5.82% & 6.46%	1.77%, 4.67% & 5.78%
month lookback)		

Reason: In recognition of interest rate environment as measured by methodology set forth in Code  $\S430(h)(2)$ .

This summary is not a Summary Plan Description or a plan document. You should not rely solely on this summary in making a determination of eligibility for the plan or its benefits.

PLAN YEAR: 2012

EIN/PN: 61-0207400/001

# **Summary of Provisions of the Plan**

#### **Effective Date and Plan Year**

The plan was established effective January 1, 1978, with the latest plan restatement effective August 1, 2011. The plan year ends on each July 31, which coincides with the Employer's fiscal year.

#### **Eligibility**

Each employee other than a collective bargaining employee is eligible to become a participant in the plan on the August 1 immediately following the completion of one year of service in which the employee works 1,000 hours.

#### Service

Service credited for vesting purposes means the number of plan years in which the participant completes at least 1,000 hours of service, subject to certain break in service rules. A year of service is credited for benefit purposes for each year the employee completes 500 hours of service, or is employed on the last day of the plan year.

#### Compensation

A participant's compensation, for purposes of the plan, shall mean his "W-2" compensation, including bonuses and overtime pay, paid during the plan year. Annual compensation is limited as required in Internal Revenue Code Sec. 401(a)(17).

#### **Normal Retirement**

#### Condition

The normal retirement date of a participant is the first day of the calendar month coincident with or next following his attainment of age 65.

#### <u>Benefit</u>

The normal retirement benefit, 1/12th of which is payable monthly for life, is equal to the sum of the following:

- 3.50% of average earnings multiplied by service not in excess of 5 years, plus
- 2.50% of average earnings multiplied by service after 5 years, but not in excess of 20 years.

"Average earnings" is the average annual compensation of a participant for the five consecutive plan years which produce the highest average out of the final ten plan years of service.

#### **Accrued Benefit**

The accrued benefit is the monthly benefit with payments beginning at normal retirement that has been earned due to compensation and benefit service as of any determination date. The accrued benefit is payable for the life of the participant, and is computed in the same manner as for normal retirement, using the participant's average earnings and benefit service at the determination date.

#### **Early Retirement**

#### Condition

A participant may retire early after attainment of age 55 and completion of 10 years of service.

#### **Benefit**

The deferred benefit, to commence at the participant's normal retirement date, and payable for life, is equal to the participant's accrued benefit determined as of his early retirement date.

PLAN YEAR: 2012

EIN/PN: 61-0207400/001

Upon written application to the pension committee, retirement benefits may commence immediately upon early retirement. In that event, the benefit determined above shall be actuarially reduced to take account of the period of time between the participant's actual retirement date and his normal retirement date.

# **Late Retirement**

#### Condition

A participant may choose to postpone his retirement beyond his normal retirement date, in which event no benefit shall be payable until actual retirement.

#### Benefit

The benefit, payment of which commences the first day of the month following the participant's actual date of retirement, is computed in the same manner as the normal retirement benefit based upon service accrued and compensation earned through the date of retirement. This benefit shall not be less than the actuarially equivalent of the benefit the participant would have received at his normal retirement date.

#### **Disability Retirement**

#### Condition

In the event a participant has completed ten years of vesting service, and becomes totally and permanently disabled, as determined by the Social Security, he will be entitled to a disability benefit.

#### **Benefit**

The disability retirement benefit, which commences on the first day of the calendar month following twelve months of disability, is computed as the actuarial equivalent of the participant's accrued benefit determined as of the participant's date of termination of employment.

#### **Death Before Retirement**

#### Condition

In the event of the death of a participant after completing one year of service under the plan, and while either (i) actively employed by the employer, or (ii) on deferred vested status but prior to receiving any retirement benefits, a monthly survivorship benefit shall be payable to the participant's surviving spouse.

#### **Benefit**

The monthly benefit is payable on the first day of the calendar month following the participant's date of death or the earliest date the participant could have elected benefit payments to commence, whichever is later, and continuing for the lifetime of the surviving spouse. The benefit is equal to the benefit the participant would have received if the participant had terminated employment the day before his death (or on his actual date of termination if earlier), had lived to the benefit commencement date, and elected an immediate joint and 100% to survivor benefit.

#### Termination of Employment After 4 or More Years of Vesting Service

#### Condition

If a participant terminates his employment after completing 4 or more years of vesting service, he is entitled to a deferred vested benefit with payment commencing on his normal retirement date.

#### <u>Benefit</u>

The amount of the benefit is calculated as the product of a vesting percentage and the participant's accrued benefit determined as of his date of termination. A participant's vesting percentage can be determined from the following table:

PLAN YEAR: 2012

EIN/PN: 61-0207400/001

Years of	Vesting
Vesting Service	Percentage
Less than 4	0%
4	40
5 or more	100

# **Other Termination of Employment**

If employment is otherwise terminated before retirement, no benefits are provided under the plan.

# **Top-Heavy Status**

If in any year the plan is determined to be top heavy, the following provisions will take effect:

- A minimum accrued benefit will be determined for each participant equal to 2% of the average earnings, multiplied by the participant's years of service during which the plan is top heavy, limited to 10 such years.
- Participants will become vested in their accrued benefits according to the following schedule:

Years of	Vesting
Vesting Service	<u>Percentage</u>
less than 2	0%
2	20%
3	40%
4	60%
5 or more	100%

#### **Optional Modes of Benefit Payments**

Subject to the applicable plan conditions, a participant may select an optional method of benefit payment, in lieu of the prescribed life income, which is actuarially equivalent thereto. The purpose of the optional method is to permit the guarantee of retirement income payments for a minimum period of time (i.e., 10 years) or to provide a continued life income to a surviving beneficiary after the death of a participant (i.e., 50%, 75%, or 100% joint and survivor).

However, if no option is elected and the participant and his spouse are married on the date his benefit commences, the monthly benefit will automatically be paid in the form of a 50% joint and survivor annuity.

If the single sum value of the participant's benefit is not greater than \$1,000, the single sum shall be paid in lieu of any other benefits due under the plan.

#### **Actuarial Equivalence**

Actuarial equivalent values shall be computed based on the 1983 Group Annuity Mortality Table for Males, and an interest rate equal to 7.50%. However, for purposes of determining single sum benefits, such benefit shall not be less than the amount based on the mortality and interest rates, defined under Code Section 417(e)(3), in effect for the June preceding the first day of the calendar year in which the benefit is to be paid.

PLAN YEAR: 2012

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#### **Contributions to the Plan**

The employer contributes actuarially determined amounts to finance the plan benefits. No contributions by participating employees are required.

#### **Investment of Plan Funds**

The assets of the pension plan will be invested by the trustee in accordance with the terms of the trust agreement.

AGE			YEARS OF SERVICE								
GROUP		Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - UP
1 - 24	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
25 - 29	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
30 - 34	Number	0	1	0	1	0	0	0	0	0	0
	Avg Comp*	0	N/A	0	N/A	0	0	0	0	0	0
35 - 39	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
40 - 44	Number	0	0	0	0	1	0	0	0	0	0
	Avg Comp*	0	0	0	0	N/A	0	0	0	0	0
45 - 49	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
50 - 54	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
55 - 59	Number	0	0	0	0	0	1	0	0	0	0
	Avg Comp*	0	0	0	0	0	N/A	0	0	0	0
60 - 64	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
65 - 69	Number	0	0	0	0	0	0	0	0	0	0
	Avg Comp*	0	0	0	0	0	0	0	0	0	0
70 - UP	Number	0	0	0	0	0	1	0	1	0	0
	Avg Comp*	0	0	0	0	0	N/A	0	N/A	0	0

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<sup>\*</sup> Average compensation is omitted since the plan has fewer than 1,000 active participants.