International Association of Machinists Motor City Pension Fund EIN/Plan #: 38-6237143/001 Checklist Item #8 - 3.03 Plan Sponsor's Determination of Projected Insolvency

Does the application include the plan sponsor's determination of projected insolvency that includes the documentation set forth in section 5 of Revenue Procedure 2016-27?

See section 3.03.

Document 8.1 provides the documentation of the projected insolvency including the documentation set forth in section 5 of Revenue Procedure 2016-27.

International Association of Machinists Motor City Pension Fund EIN/Plan #: 38-6237143/001

Checklist Item #8 – 3.03 Plan Sponsor's Determination of Projected Insolvency

Document 8.1

Plan Sponsor's Determination of Projected Insolvency

The Board of Trustees for the International Association of Machinists Motor City Pension Fund determined after review of all of the available information and possible reasonable plan changes that the Pension Fund would become insolvent unless benefits are suspended as required under Code § 432(e)(9)(C)(ii).

United Actuarial Services, Inc., the Pension Fund's Actuary, determined that the Pension Fund was in Critical Status as of July 1, 2008 when the Plan first became subject to compliance with the Pension Protection Act of 2006. In October 2008, the Board of Trustees adopted its initial rehabilitation plan which was designed to eliminate adjustable benefits in order to reduce the present value of accumulated benefits. This rehabilitation plan also declared that the exhaustion of all reasonable measures had been taken.

In 2009, the Plan Actuary advised the Board of Trustees that the Pension Fund was facing insolvency by June 30, 2024. No further changes were made to the rehabilitation plan, however, since all reasonable measures had already been exhausted in the previous year's rehabilitation plan.

In 2016, the Plan's actuary certified to the Board of Trustees that the Pension Fund was in critical and declining status for the Plan Year beginning July 1, 2016. The Plan's Actuary determined that the Pension Fund would be insolvent by the end of the 2025-2026 plan year. The actual certification is included as Document 5.1, pages 5.2 to 5.4, of this application. The Plan's actuary determined this despite the fact that the Board of Trustees has taken all reasonable measures to avoid the insolvency.

The application filed on behalf of the Pension Fund also provides detailed information on the reasonable measures taken into account in making this determination that the proposed Suspension Plan is necessary to avoid insolvency. These are detailed in the following sections of the application as outline below:

- A detailed description of the measures taken in order to avoid insolvency over the 10 year period beginning in 2007 is provided in response to Checklist Item #18. This includes the consideration of a facilitated merger in both 2011 and 2015 and a partition study in 2014.
- Information concerning the contribution levels, benefit reductions, measures taken to retain and attract new contributing employers, compensation levels and competitiveness and other economic factors is provided in response to Checklist Item #19.
- Description of how the various Plan Factors were taken into account during the determination by the Board of Trustees that all reasonable measures had already been

International Association of Machinists Motor City Pension Fund EIN/Plan #: 38-6237143/001 Checklist Item #8 - 3.03 Plan Sponsor's Determination of Projected Insolvency

taken to avoid insolvency is provided in response to Checklist Item #20. This includes a mass withdrawal study which was performed in 2016.

• A description of all other factors taken into account during the Board of Trustees' determination that all reasonable measures were taken to avoid insolvency prior to filling this application for approval of a benefit suspension is provided in response to Checklist Item #21.

The Board of Trustees began formally considering the idea of a benefit suspension in June 2015. See pages 8.3 to 8.35 pages below. Initially, just percent adjustments to the PBGC guarantee were studied to give the Board a general idea of the degree of suspension needed. The next study was completed in November 2015. See pages 8.36 to 8.63. A cap or ceiling on the benefit multiplier was studied with potentially the elimination of all post-retirement increases and/or the maximum reduction applied to employers that did not pay their full withdrawal liability. A follow up study was completed in March 2016 that also added the maximum reduction to participants that terminated prior to 1/1/88 or inactive vested participants with 15 or less years of service. A pro rate of the maximum reduction and the multiplier ceiling would also apply to inactive vested participants with 15-20 years of service. See pages 8.64 to 8.92. Then, the mass withdrawal study was completed to see if that would provide any meaningful extension to the Plan's projected insolvency. When it did not, the Board decided to formally proceed with the benefit suspension. A fourth study was completed in November 2016. See pages 8.93 to 8.109. A flat percent reduction of 65% was suggested as an alternative to the multiplier ceiling because of the lack of history on many participants. Many special assumptions needed with a benefit suspension were added. The Plan's actuary shared in February 2017 the proposed benefit suspension formula, which was the maximum suspension (110% of the PBGC guarantee) for all participants. See pages 8.110 for the final pension model (more changes have been made after this model was prepared) and 8.111 for a comparison between a flat 65% reduction and the maximum reduction.

International Association of Machinists Motor City Pension Fund

June 23, 2015 Board of Trustees' Meeting

Preliminary Study on Benefit Suspension with Critical and Declining Status

Paul Bullock-United Actuarial Services, Inc.



Critical and Declining Status Recap on Benefit Suspensions

- Key additional tool becomes available in the deep red zone
 - Benefits already earned <u>can</u> be suspended
 - This includes benefits already in pay status
 - Idea is to take a lesser reduction now to avoid a greater reduction, down to the PBGC guarantee, when plan becomes insolvent
- Actuarial conditions of benefit suspension
 - The Plan would eliminate its projected insolvency with the benefit suspension levels contemplated
 - In years after suspension, document that
 - · the Plan would project an insolvency without continued suspensions, and
 - all reasonable measures continue to be taken

Benefit Suspension Recap on General Conditions

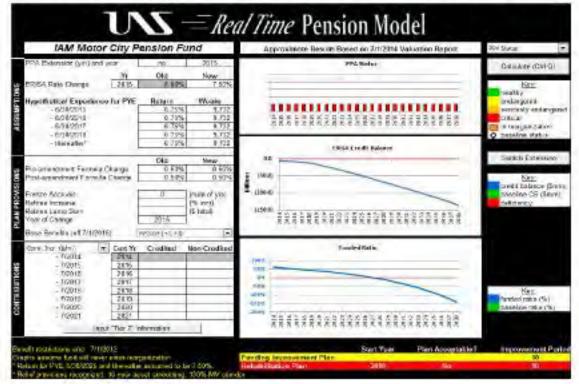
- Suspensions cannot be lower than 110% of PBGC guarantee
- No suspensions for
 - Disabled participants
 - Participants over age 80 with phase-out beginning at age 75
- Suspensions can't materially exceed the level necessary to avoid a projected insolvency
- If suspensions are done in conjunction with a partition
 - Suspensions can't take effect prior to the partition effective date
 - Suspensions must be maxed out and more action is still needed to eliminate an insolvency before a partition would be approved

Initial Suspension Study

- Goals of initial suspension study
 - Determine if maximum suspension, 110% of the PBGC guarantee, is enough in which case a partition is no longer a possibility
 - What level of suspension is just enough and what do the funding projections look like; the final suspension will project similarly
 - Establish more conservative assumptions with any suspension
 - Update mortality to RP-2014 with the blue collar adjustment and a 3-year set-forward to custom match the table to plan experience. Disabilities use the special RP-2014 disability table with a 3-year set-forward.
 - Lower the assumed rate of return to 7.50% as of July 1, 2015
 - Lower the asset return for 10 years starting with the 2014-15 year to 6.75%

Study Results Current Outlook – Insolvency in 2028

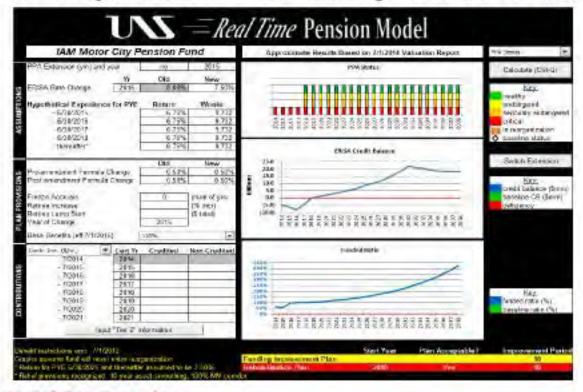
Here is the current funding outlook with the more conservative assumptions*:



^{*}We received the 1.86% return for 2014-15 after this study was completed. If this return is added to this study, we estimate that the insolvency would move up an additional year to 2027.

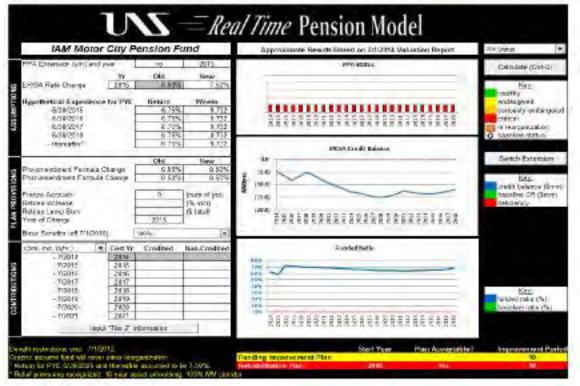
Study Results 110% of PBGC Guarantee

The maximum suspension, 110% of the PBGC guarantee, more than works:



Study Results 180% of PBGC Guarantee

180% of the PBGC guarantee is the most that can be done, with this outlook*:



^{*}We received the 1.86% return for 2014-15 after this study was completed. If this return is added to this study, we estimate that 170% of guarantee would be needed to generate the funding outlook sove.

How Are Participants Affected

Actives Percent of Current Benefit at Ages 55, 62 and 65 with 180% of PBGC Guarantee

Row Labels	- None	D1-04	05-00 1	0-14 1	5-19 2	0.24 2	5-29 3	0-34 3	5-20 46	3+ (blank)	Grand Total
Under 25		-				72711	100				
Count of AA		- 6									ė.
Average of AB SS %		100,0%									100.05
Average of AB 52 %		100.045									3,000,04
Average of AB #5 %		0.00.054									100 bs
25-20											
Count of AA		18.									3.9
Average of 48 NS SI	100,004	100.05									100.09
Average of AB 62 his	1,00,0%	200,0%									100,01
Average of AB 65 %	100.0%	1000%									100,0%
50-14											
Count of AA		16	2	-2							20
Average of AB 55 %		300 CH	100 PK	100.0%							100 04
average of an warm		0.000.000	100.0%	200000							100000
Average of AB 65 ft		20000W	100.08s	100.0							100.05
55-59		- AND REAL PROPERTY.	- Automotive	-							-
Court of AA			- 1	105							27
Average of AB 55 %	300 0W		100.016	100 09	got/pts						100'09
		100 0%									
Average of AB 62 %	1000.0m	500.0%	100.0%	100.0%	35.5%						30.5%
Guerage of an en to	100,000	10000	87.3%	1000-004	789.470						99.05
40-44											
Count of AA			- 2	5	6	1					3.6
average of America		2000178	0.000,000	100000	10000	100 0%					300-04
Average of AB 62 %		100.0%	500.0%	200.0%	100 0h	10000					10000
Average of A8 65 %		300.0%	100004	27.7%	100.0%	100 0%					99.45
49-49		40000	ADDARCE:	-	- Spinor of	- ADDRESS OF					-
Count of AA		6	- 3	10	5	- 2					50
						-	-				
Average of A8 55 %		200 04	1000%	100.0%	300.04	There	3,000,000				3,000,04
Average of AR 82 To		ann nu	200.0%	10004	100.0%	Time one	COD ON.				100.00
Average of AB 65 %		200.0%	100.0%	100.0%	100:0%	100 0to	100 05e				100.05
59.54											
Court of AA			- 1		- 10	2	0.4	- 3			21
Average of AD 55 %		500.D%	500.0%	100.0%	100.0%	100,0%	100.0%	900,0%			100.65
Average of AB 62 %		100.0%	100:0%	10006	57.0%	300.0%	88.9%	200 Dec			56.35
guerage of galaxin		300 0%	100.00	100.0%	78.4%	T400 (00s	3D.3%	10000			WG 470
55-59							-				
Count of AA		45	- 3	33	5	. 6.	-	- 4	-		147
average of 48 ha to		300176		WR 470	1100/096	10000	100100	DESCRIPTION			386.35
			- Consider		95.1%	89.3%	91.55	90.4%	The state of the s		95.65
Average of AB 62 %		100.0%	100.0%	98.55					100.014		
Average of AB 65 %		300.0%	100.0%	31,25	92.1%	63,7%	- 88.2N	86.5%	10000		(03)4%
NO-04											
Court of AA	1		2	- 7	1	5	- 4	- 7	- 4	7	21
Average of AB 55 %											
average of as ex to	100,0%		LUGGOW	1000000	444 (CT)	KNI NYK	W2.2%	83,37%	TEXAS CAP		99.00
Average of AD 65 %	100.0%		100.0%	194.8%	60.1%	87.736	44.45	77.0%	600 C%	100.0%	91.85
65+				_							
Fours of 4A				3						1	
Average of AB 55 %				-							
Average of AB 62 %											
				-					-	A new Years	W/35
guerage of an en to		- Committee	100	801.754		100		-		100176	
otal Count of AA	- 5		16	56	25	17	.18	- T	- 18	- 3	216
otal Average of A8 55 %	190,0%	100.0%	200.0%	99,850	100.0%	100,0%	100,0%	200.0%	and the same		109,0%
rotal niverage of AB NJ %	300,0%	100.0%	20000	MMUPTE	96.376	MILON	MA.275	80.7%	E00.0%		WEAT
otal Average of Alb 65 %	1.00,0%	100.0%	199,57%	47,9%	99,756	90.5%	88,9%	47.7%	1000014	100396	96.65

How Are Participants Affected

Inactive Vested Monthly Benefit Impact at Age 60 with 180% of PBGC Guarantee

Row Labels	- 01-04	05-09	10-14	15-19	20-24	25-29	30-34	Grand Total
30-34								
Count of AA								2
Average of Current Benefit		269.45						269.45
Average of 180% of PBGC Guarantee		264.06						264,06
Average of Percent		98,8%						98.88
35-20								
Count of AA		9	3					12
Average of Current Benefit		293.16	406.46					321.49
Average of 180% of PSGC Guarantee		279.02	406.46					310.68
Average of Percent		96.9%	100 0%					27.0%
40-44								
Count of AA		9	- 4	4				17
Average of Current Benefit		456.62	771.27	928.14				640.42
Average of 180% of PBGC Guarantee		328.07	473.40					473.90
Average of Percent		86.1%	85.5%	91.8%				87.3%
45-49		10-00						-
Count of AA	1	18	17	13	. 4			59
Average of Current Benefit	256.60	308.79	807.64	1,126,32	1.301.81			743.28
Average of 180% of POGC Guarantee	256.60			910.94	1,301.61			608.91
Average of Percent	100.0%	95.2%	85.7%	#7.9%	100.05			90.1%
50-54								
Count of AA		26	20	9	- 6	2		65
Average of Current Benefit		342.28	668.41	1.021.96	2,072.91	2.098.49		763.48
Average of 180% of PSGC Guarantee		272.36	492.19	655.98	1,375.71	1,421,41		538:23
Average of Percent		92 6%	89.0%	85.4%	74.9%	78.1%		88.4%
55-59						-		
Count of AA	1	24	8.8	7	6	1		. 72
Average of Current Benefit	234.08	343:46	520.02	596.04	1,679:18	1.452.99		574 14
Average of 180% of PBGC Guarantee	234.08				1.187.97	1.452.99		458.66
Average of Percent	100.04				81.9%	100.0%		91.7%
60-64	-	22000	-		200	- Applied to the		2000
Count of AA		10	58	16			1	77
Average of Current Benefit		358.99	292 59	528.06	953.29		2,588.18	438.61
Average of 180% of PSGC Guarantee		295.08	282.78	507.18	858.54		2,123.55	
Average of Percent		95.0%	99.2%	28.25	94.1%		82.0%	
65+				1000	-			
Count of AA		- 5	12	- 5			2	24
Average of Current Benefit		305.93					2,761 04	
Average of 180% of PBGC Guarantee		265.12	200.98				2.168.77	
Average of Percent		93.8%		43441			78.7%	
Total Count of AA	2	109	127	54	22	3	3	320
Total Average of Current Benefit	245.34				1,519,98	1,883.32	2,703.42	
Total Average of 180% of PBGC Guarantee	245.34				1,164.57	1,431,94	2,150.36	
Total Average of Percent	100/09				86.6%	85.4%	79.8%	

How Are Participants Affected

In Pay Status Impact of Monthly Benefit Receiving with 180% of PBGC Guarantee

Now Labels	- 01-04	05-00	10-14	35-10	20-24	25-39	30:34	25-39	40+	Grand Total
50-54 Count of AA										4
Average of Current Benefit		19996	302.55		565.71					257.04
Average of 180% of PBCC Guarantee		199.96			566.71					357.94
Average of Percent		100.00	302.30		300.71					20000
SS-S9		and the same of	- Charles							- Alberton
Count of AA		-	10		- 4	18	- 6			38
Average of Current Benefit		97.03		3000 20	1 808 88		1.548.48	3,927.68		2 874 88
Average of 180% of PBGC Guarantee		97.02	292.70	685.13	876.21		5,097.36			661.70
Average of Percent		200.0%	99.5%	592.8%	\$3.5%		39.8N	84.8%		85.0h
6D-64		-		-	-	-	2000	2000		45000
Count of AA		6	-11	12	-13	23	10		1.1	-77
Average of Current Benefit		291.95		627.69	1,771,07				1.615:24	
Assertings of LEGISL OF PROC. Guard printed		281.48	374.60	491.18	1.050.64		1 441 52		1.01% 26	
Average of Percent		200,000	90.6%	791.7%	76.1%	70.1%	90.256		CD0.09	90.0%
65-69		-					-		_	
Count of 44		7	28	33	33	- BA	36	4.		187
Average of Current Senetit		374.61	239.40	+65.50	894.52	2,452,07	2,424.36	1.815.42	2.575.92	1,342.90
Average of 180% of PSGC Guarantee		291.01	239,40	458.05	P09.12	1,502.02	1,771,68	3,816,42	1.592.07	269.22
Average of Percent		85.05	200000	94,736	44.20 MIN	70.5%	MECON.	100000	79.1%	RT AN
70-74										
Count of AA	1	- 5	27	16	15	14	50	- 6	- 5	105
Auer age of Current Receift	T18.40	390.78	278.71	472.74	852.83	2,116.90	2,208.18	2,813.66	2,156.42	1,284.10
Average of 180% of PBGC Guarantee	48.26	296.75		557.81	705.02	1,300,61	1,787.04	2.110.52	2,126.63	950.53
Average of Percent	15.25	86.2%	9635	98.5%	91.9%	76.1%	85.6%	80.8%	26.5%	8914
75-78										
Count of AA	1.	1	16	20	17	.15	411	1.	1	90
Average of Current Bandit	1,498,14	97.43			1,054,84		1,634,45	5,149,06	2,072,95	
Average of 180% of FRAC Gueraries	968.29	97.45		76.00 70	018.28	943 97	1,571 93	7,284.65	2,077.05	
Average of Percent	25.0%	100.05	95.6%	92.9%	24.7%	95.4%	91.0%	71.0%	100,05	92.45
80.64			241		-					770
Court of AA	and the same of th	and the	18	34	1.9	38	diam'r.	Take St.		7.5
Ager age of Current Denefit	757:10	290.44	287.69	552.19	555.76		2,008.34	1,505.68	1,450,62	
Average of 180% of PBGC Guarantee	750.51	290.44	287,69	546.13	565,76 tratigne	909.90	1,996.20	1,505.66	1,480.62	
assertings of Peccent	-	- SPECIAL PROPERTY.	100.0%		TO SEE LESS	NINT LINE		1281-218	- Long cow	00.95
Count of AA	6	-	16-	9	19	- 5	- 0	3	-	95
guerage of current menefit	542.88	1.090 09	270708	644.79	759 26		BAD 03	T HISTORY	581.66	
Average of 180% of POGC Guarantee	542.55	1.054.49		444.75	259.33		650.05	1.010.25	501.66	
Average of Percent	400,0%	7,000,000	50000	300.0%	3300.090	122000	100.00	100.0%	THEORY	500.0
mp-md	AND DESCRIPTION OF THE PERSON	2000		ALCOHOL:	400000	400000	20000	1000000	40000079	400049
Count of AA	4.		- 6	6	- 6	- 5	9	4		29
Average of Current Senetit	820.58		391.35		982.05		541.47	784-97		580.78
giverage of 180% of PROC. DUBLANCES	BJ13 NK		1841.45	E79.24	481.95	MIK 61	941.47	THEME		3/00/71
Average of Persent	500 CW		200 co	300,04	100.0%	500.05	100.0%	100.0%		20000
954			Colombia, a				-			
Louist of AA				- 4			- 1			18
Average of Current Service			327.08		591.95	522.74	402:04			404.04
Average of 180% of PBGC Guarantee			322.28	387.60	591.95	522.74	482,04			484.8
average of Percent			abd ph	300.0%	1000 (200	37800 LDW	VOLUME.			200400
otal Count of AA	12	24	3.31	105	114	126	83	28	11	6.34
lotal Average of Current Benefit	680.05	349.52	308.08	590/66	952.73	1.873.95	2,006.34	1,786-61	1,757.21	1,102,46
	914.68	105.55	284.83	309.79	766.72	1,229.41	2,588,90	3,549.29	1,570.57	898.27
rotal Average of 190% of PMSC Suurantee	MARIA									

Insolvent Reductions in 2028

Actives Percent of Current Benefit at Ages 55, 62 and 65 with 100% of PBGC Guarantee

Now Labels	- None	D1-04	05-00	10-14	15-19	20-24 7	5-29 1	10-34 3	5-20 4	G- (biank)	Grand Total
Under 25											
Count of A4		. 4									4
Average of AB SS to		99.5%	9								99.5%
Average of A6 62 %		-94.36									(94.3%)
Average of an en m		BCLQN									90.4%
25-20											
Count of AA	-	1.8									19
everage of an name	100,00										WM.256
Average of AB 62 hi	100.00										90.4%
	100.00										
Average of AB 65 %	100,000	86.5%									470,56
60-84				, J-							20
Count of AA		16		- 2							
Average of AB 55 %		57.5%		25.4%							97.55%
average of an warm		増上 当 数	RK 776	87.8%							19(3,3KM)
Average of AB 65 ft		98.7%	96.0%	185 A.W.							199.1%
55-59											-
court of 44	-			1.00	- 8						27
Average of AB 55 %	120 00	97.25	92,4%	96.5%	09.5%						1953%
Average of AB 62 %	199,0%			90.0N	78.9%						-87.6%
overage of an en to	1000 (000			38.034	79.8%						85 (25)
40-44	- CARROLL SALES	200.00	- Carrier		14000						-
Count of AA					_						18
			- 4	5	D.	-					
average of an en m		88.21		40.7%	MD 276	ROL STEE					W3.8%
Average of AB 62 %		91.5%		81.2%	24.4%	02,4%					85.9%
Average of A8 65 %		86.7%	89.0%	77,4%	82.7%	76.0%					85.0%
49-49											
Count of AA		6	. 3	50	5	3.	3				30
Average of A8 55 %		989%	-98.0%	STAN	86.5%	87.6%	87.6%				92.1%
Average of AB 82 %		90.7%	W1.176	84.950	82.7%	62 6%	82.4%				89.8%
Average of AB 65 %		07.6%		B1.7%	77.6%	79:5%	77:4%				82.1%
59.54		-	-								
Court of 44		4		-	- 8		d				2%
Average of AD 55 %		9673		91.6%	78.0%	06.7%	74.13	-68.0%			85.4%
Average of AB 62 %		90.6%						73.8%			27.2%
				85.9%	59.5%	82,4%	5835				
duerage of dates to		37.6%	98.7%	#8.4%	50.2%	37.8%	48.7%	75.80			72.8%
55-59					-						
Count of AA		5		11	5	- 6	1	- 5			34
average of 48 %% to		SHITE		195.6%	74.9%	KA MIL	24.9%	N. 1. 27 (A)			82 dh
Average of AB 62 %		89.5%		85,014	66.6%	53.5%	68,55+	68.4%	85,258		76.55
Average of AB 65 %		83.7%	82.2%	78.7%	60.5%	56.0%	60,0%	.66.5%	81.8%		73,250
NO-04											
Court of AA	- 1		2	7	- 1	5	- 4	T	4	3	28
Average of AB 55 %											-
average of an early.	1000		No. or	20 4 Table	SERVING.	44.57	THE REAL PROPERTY.	94.00	372 WHI		297256
Average of AD 65 %	100.0%		04.4%	75.0%	22.4%	65.6%	61.5%	50.7%	73.3%	81.9%	69.2%
63+	The second name of		100,000	7.4		200,000	1000,000		2424	400,000	1,000
Fours of 4A											-
				2						-	
Average of AB 55 %											
Average of AB 62 %											
average of an were				THE RESERVE						36.2 (2.0) N	9.07 (2.9%)
shell Count of AA	5			- 56	25	17	.58	7	- 4	3	218
stal Average of A8 55 %	190,0%	97.6%	95.7%	23.3%	85.8%	86.3%	78.6%	65.7%			92.6%
otal average of AB NJ %	3,000,000			80,476	78.8%	73.6%	99.2%	99.276	29.0%		82.7%
otal Average of Alb 65 %	160.05			80,2%	70.4%	66.0%	61.0%	64.6%	77.6%	91.7%	79,3%

Insolvent Reductions in 2028

Inactive Vested Monthly Benefit Impact at Age 60 with 100% of PBGC Guarantee

Row Labels	- 01-04	05-09	10-14	15-19	20-24	25-29	30-34	Grand Total
30-34								
Count of AA		2						2
Average of Current Benefit		269.45						269.45
Average of 100% of PBGC Guarantee		164.07						164.07
Average of Percent		73,4%						78,49
25-20								-
Count of AA		. 9	3					12
Average of Current Benefit		293.16	406.46					521.49
Average of 100% of PSGC Guarantee		183.51	314.53					216.27
Average of Percent		72.8%						73.8%
40-44		1000						
Count of AA		9	- 4	- 4				17
Average of Current Benefit		456.62						640.42
Average of 100% of PBGC Guarantee		205.88						301.19
Average of Percent		61.6%						63.0%
45-49		62,000	67,376	61.94				65.0%
		197						***
Count of AA		18	17	13	4			58
Average of Current Benefit	256.60			1,126.32	1,301.81			743.28
Average of 100% of PBGC Guarantee	143.00			557.71	775.53			582.97
Average of Percent	35.7%	70.7%	59.2%	57,2%	59.5%			52.0%
50-54								
Count of AA		26	20	9	- 6	2		6.5
Average of Current Benefit		342.28	668.41	1,021.96	2,072.91	2,098.49		763,48
Average of 100% of PSGC Guarantee		190.89	528.53	459.58	785.01	935:50		353,19
Average of Percent		73.5%	58.5%	69 1%	43.25	50.6%		66.0%
55-59								
Count of AA	1	24	8.8	7	6	1		72
Average of Current Benefit	234 08	343.46	520.02	596.04	1,679.18	1.452.99		574.14
Average of 100% of PBGC Guarantee	143.00	174 59	292.44	424.12	701.19	884.81		306:17
Average of Percent	61.1%				52.9%	60.9%		70.8%
60-64	2.00	2	0.000	1000000	NAME OF TAXABLE PARTY.			100,000
Count of AA		10	38	16	- 6		1	77
Average of Current Benefit		358.99			953.29		2.588 18	438.61
Average of 100% of PSGC Guarantee		211.71			575.67		1,179.75	294.87
Average of Percent		72.5%			72.1%		45.6%	82.1%
65+		1,2,376	199-274	82.336	74.476			92,43
Count of AA		5	12	- 15			2	24
Average of Current Benefit		305.93					2,761.04	524.38
Average of 100% of PBGC Guarantee		191,00					1,202.10	
Average of Percent		72.8%			-		43.7%	813%
Total Count of AA	2	109	127	54	22	3	3	320
Total Average of Current Benefit	245.34				1,519.98	1,883,32	2,703.42	594.75
Total Average of 100% of PBGC Guarantee	143.00				703.30	918.47	1,194.65	321.92
Total Average of Percent	58.4N	71.3%	76.7%	72.0%	56.7%	58.0%	44.3%	72.1%

Insolvent Reductions in 2028

In Pay Status Impact of Monthly Benefit Receiving with 100% of PBGC Guarantee

Row Labels	- 01-04	05-09	10-14	15-10	20-24	25-29	30-34	25-39	40+	Grand Total
50 54 Count of AA										á
Average of Current Benefit		199.96	332.55		565.71					357.94
Average of 100% of PBCC Guarantee		186.47	284.82		480.05					304.00
Average of Percent		KE 174	MR THE		84. Thi					80.00
SS-S9	-	20.00	ALC: UNK		Post 1 700					
Count of AA		-	10	A.	- 4	18	- 6	-		38
Average of Current Benefit		97.02	286.68	ROS GS	1 804 88	2.525.61	1,148.48	3 927 88		2 874.95
Average of 100% of PBGC Guarantee		97.99	219.92	402.43	629.35	705.92	661.23	909.95		560.58
Average of Percent		(FO 85)	86.0%	75.3%	55.7%	45.7%	72.2%			68.08
6D-64		-	44.5	1,000	0.00	10000	The latest	100,000		1,4600
Count of AA		6	2.5	13	-13	25	10		-14	77
Average of Current Benefit		291.45	932.88	627.60	1,772.07	2,420.10	-2.194.73		1.615.24	
Average of LOCAL OF PROC. Quarterne		212 93	298 48	514.54	653.4K	STR.41	904 XX		1.024.87	#18.7
Average of Percent		79.0%	90.4%	81,516	50.4%	40.2%	50.1%		82 DW	G4.31
65-69		- Contraction	- Partie						BALLY IN	
Disent of 44		7	28	22	. 33	100	36			287
August of Current Sensitit		374 61	239.40	465.50	894.52	2.452.07	2,424.36	I B15.42	2.575.92	1.342.90
Average of 100% of PSGC Guarantee		19418	208.21	340.85	503.77	894.96	1,057,47	7.252.77	988.51	621.75
Average of Percent		AT NO	PO 21	835.95s	TA MIL		1000	OWN BOTH	MA ITS	AR LI
70-74		-		-	2000	-		-	-	HP-11
Count of AA	Y	3	27	18	18	14	20	- 6	- 5	105
Ager age of Current Receipt	T18.00	19071	278.71	672 74	892.85	Tile an	2 208.38	2.833.00	2.158.42	1 730.1
Average of 100% of POGC Guarantee	26.01	197.90	212.45	598.52	505.09	927.06	1.078.51		1.474.09	617.6
Average of Percent	0.00	85.8%	87.2%	78.5%	76.1%	56.3%	24.65	200	TG.5%	69.61
75-78		924	W(1) (8)	19.57	C-90-4-10	-0040		_	14,516	100,00
Count of AA	-		16	20	17	15	48			90
Average of Current Sendit	1,498.14	97.45	348.90	745.82	2,054,84	1,088.01	1,834,45	5.189.05	2.072.45	1,042.96
Average of 100% of FRAC Guerantee	983.00	94.20	238.08	483.30	784.59	782 87	1,227.48		1.748.97	728.1
Average of Percent	55.8%	9625	09.156	40.9%	83.0%	04.0%	72.7%		D4.459	
60.64		and o	-	-	-	-				-
Count of AA		- 1	2.9	2.8	18	18		7	- 2	7.8
Ager age of Current Benefit	757:10	200.44	287.69	552.19	668.76	909.90	2,008.31	1,305,66	1,450.61	779.6
Average of 100% of PBGC Guarantee	750.49	290.44	287.27	539.11	667.67	906.04	1,994.76		1.480.62	775.4
Duertige of Reccent	THE RESERVE	2000	00.00	10 mm	Mar Mile	46.70	THE GOVE		1 LOD (7)	WH ID
65-69					_		_			
Count of AA	- 6	- 1	16-	8	19	- 5	8		- 2	6.5
guerage of current menefit:	542.88	1,096,04	270709	644.7%	759.26	1,710.64	8/90 CF6	T.030128	NX1-66	MAN 2
Average of 100% of PBGC Guarantees	542.53	1.064.49	270.06	444.75	759.33	1.210.64	650.05	1.010.25	581.66	616.1
Average of Percent	1,00,0%	200.0%	500.0%	300.0%	350.0%	100.0%	200,0%	100.0%	10000	500.09
WD-04	-			_					-	
Count of AA	4		- 6	6	5	5	2	3		29
Average of Current Senetit	820.58		391.35	475.24	482.95	606.61	541.47	784:97		380.7
awerage of score of People outstances	8213.508		3843-45	479.24	ERI WE	MIK 61	541.47	丁粉花树花		960070
Average of Percent	100.0%		800.00	300,04	100.05	- 300 m-	100 0%	100.0%		80000
954										
Lount of AA							1			18
Average of Current Deposits			322.28	587.60	591.95		402:04			404.04
Average of 100% of PBGC Guarantee			322.28	387.60	591.95	522.74	482,04			484.8
average of exercent			abdion.	3000,000	100/20	\$1800 LDW	100.0%			200.0
otal Count of AA	12	24	3.71	105	114	126	83	38	11	6.14
otal Average of Current Besefit	680.05	348.52	308,08	599/66	952,73	1.873.05	2,006.34		1,757.21	1,102.4
otal Average of 100% of PBOC Guarantee	933,69	24139	249.07	420.41	629.75	902.76	2,081.65	1,180,72	1,228.02	63836
Total Avenage of Percent	89,0%	76.0%	94,556	86,4%	84,3%	64.2%	65,4%	79,5%	87,7%	79.25

Challenge of 180% of Guarantee

- 180% of PBGC guarantee may not be an ideal solution
 - Benefits not yet in pay status would be complicated
 - Guarantee would be on benefit with early retirement factor applied
 - Level of suspension changes with level of early reduction
 - Participants likely would have trouble calculating their benefits

Benefit Suspension Recap of Possibilities Under MPRA

- Any suspension must be equitably distributed
- Factors that may be taken into account include
 - Age and life expectancy
 - Length of time in pay status
 - Amount of benefit
 - Benefit type: early, normal, survivor
 - Extent of subsidized benefit
 - Extent of post-ret increases
 - History of benefit increases and reductions

- Years to retirement for actives
- Discrepancies between active and retiree benefits
- Extent actives would withdraw support, which would trigger a drop in weeks and further cuts
- Service earned with withdrawn employers that didn't pay their full withdrawal liability

Ideas for Actual Suspension

- Flat percentage reduction with 110% guarantee floor, or
- Percentage reduction to benefits earned under 3.5% multiplier
 - These are generally the affected benefits with 180% of guarantee
 - This multiplier was derived from gains that later were lost
 - Benefits with the 0.5% and even 2.0% multiplier already hit enough
- May want to give maximum suspension to some participants
 - Bankrupt employer participants that would've been partitioned
 - Participants of withdrawn employers that paid no EWL
 - Inactive vested participants but be careful:
 - Treat an inactive vested with 25 years same as one with 5 years?
 - What about inactive vested now in pay status?

Maximum Suspension

Actives Percent of Current Benefit at Ages 55, 62 and 65 with 110% of PBGC Guarantee

ow Labels	- None I	01-04	15-00 1	0-14 1	5-19 20	0-24 2:	-29 30	9-34 3	5-20 4	0+ (blank)	Grand Total
Under 25				-			100			-	300000
Count of AA		- 4									4
Average of AB SS %		100 000									100.0%
Average of A8 62 %		09.2%									99.2%
Average of an en to		86.7%									98 c/14
25-20											
Count of AA		18									19
Average of AR No Ni	10000	100.0%									
											100 06
Average of AB 62 No	1,00,0%	47.4%									97.7%
Average of AB 65 %	100.0%	95.2%									95.45
50-14											
Count of AA		16	2	- 2							20
Average of AB 55 %		400.8%	100 PK	20 200							20.9%
average of an warm.		97.8%	WT ATU	1949-256							187 Str.
Average of AB 65 fti		96.0%	04,600	102.6%							95.5%
55-59		-	-								100
Court of AA	-	- 1	- 2	100	-						27
Average of AB 55 %	300 00V	99.7%	97.5%	99.0%	92.4%						9915
Average of AB 62 %	100.0%	97.3%	87.5%	97.0%	86.6%						94.4%
divertige of all sits to	1000,000	94.75	.80.Wh	18/6,00%	N 10 2 5 5						W1.7%
40-44											
Count of AA			- 4	5	. 6	1					15
average of AR 65 to		300 030	200035	WE 248	NE.216	BYS. 876					88.15
Average of AB 62 %		90.0%	200,0%	20.2%	92.9%	90.6%					93.7%
Average of A8 65 %		95.9%	97.9%	85.2%	511.0%	86.6%					91.0%
49-49			_		-						
Count of AA		6	- 3	10	- 5	2.	5				30
Average of Ab 55 %		200.0%	1000%	37.7%	95.3%	98.4%	98.4%				97,7%
Average of AB 82 %		88.70%	66.7%	WE 474	en an	91.7%	91.7%				#4.0%
Average of AB 65 %		962%	96.6%	89.9%	85.2%	87.5%	95.1%				90.3%
50.54		- 400.00	NAME OF TAXABLE PARTY.	200.00	Market	411.00	40.40				80.43
Court of A4					8		-				
		- 4	-				- 4				24
Average of AD 55 %		200,056	93.4%	3825	85,6%	95.2%	81.5%	74.8%			91.75
Average of AB 62 %		0.730%	77,7%	191,5%	65.5%	90.7%	-89.2%	81.2%			39.5%
average of an exit	_	953.00	69.276	W1. #74	5626	MAJEN	30.2%	MEN'S			716 976
55-59											
Count of AA		5	- 3	11	5	6-	- 4	- 5			44
governige of 48 ha to		METRI		THE REAL PROPERTY.	83.8%	W2:036	X1.85	67.8%			384.45
Average of AB 62 %		90.45	95.8%	90.4%	75.5%	09-09-	75.3%	75.5%	89.2%		BO 254
Average of AB 65 %		-01-2W	-00.6%	35.7%	66.5%	62.6%	97.1%	75.1%	90,0%		37.9%
60-05			_	THE OWNER WHEN	Section 1	- Karlesta-		1.0.00			
Court of AA			- 2	2	4		- 4		- 4	3	28
Average of AB 55 %			-		-	-	-	-	7.7	4	
	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		MICTINE.	-	-	2 to 1200	27.8%	THE REAL PROPERTY.	OWNERS.		AD-25
governge of AM 6.2 to.	100,000			W2.2M	45.79					and the same	
Average of AB 65 %	100.0%		97.8%	86.2%	3676	67,7%	67.7%	55.4%	80.7%	90 E-	75.5%
63+										The state of the s	
course of 4A				3						1	
Average of AB 55 %											
Average of AB 62 %											
average of an were				18 F 18 18					700	OFF PARTY.	84.7%
tel Count of AA	5	63	16	36	25	17	18	7.7	- 4	3	216
ital Average of A8 55 %	190,0%	99.8%	96.5%	28.6%	95.6%	24.2%	38,4%	72.5%			97.0%
otal Average of AB 62 %	2000000	97.7%	90.9%	W4.2%	NZ.476	FE.874	79,075	71.7%	84.2%		WM.975

Maximum Suspension

Inactive Vested Monthly Benefit Impact at Age 60 with 110% of PBGC Guarantee

Row Labels	- 01-04	05-09	10-14	15-19	20-24	25-29	50-54	Grand Total
30-34								
Count of AA		2						- 2
Average of Current Senetit		289.45						269.45
Average of 110% of PBGC Guarantee		179.60						179.60
Average of Percent		79.8%						79.81
35-39								
Count of AA		9	3					12
Average of Current Benefit		293.16	406.46					321.4
Average of 110% of PBGC Guarantee		201.86	845.97					287.8
Average of Percent		79.0%						81.29
40-44		1,000	CHESTON					
Count of AA		- 9	4	- 6				17
Average of Current Benefit:		496.62	773.27	928 14				640.4
Average of 110% of PBCC Guarantee		226:12		544.00				2211
Average of Percent		57.45						59.33
45-49		-	1775	-				
Count of AA	1	18	17	15	4			53
Average of Current Senefit	256.60		-	1.128.32				745.2
Average of 110% of PBGC Guarantee	157.30			615.48	857.88			421.2
Average of Percent	61.3%				05.5%			58.8
50-54	04.376	25.00	102.00	102.00	District Control			100.00
Count of AA		26	20	9		2		63
Average of Current Benefit		542.28		102196	2.072.91	2.095.49		763.4
Average of 110% of PBGC Guarantee		209.24		505.01	869.51	1.028.83		387.5
Average of Percent		80.2%			800.31	62.2%		73.9
SS-S9		80,479	14.10	75.8%	47.46	55.50		10.9
Count of AA	-	24	33	-	6	-		72
	234 08			596.04	1,679.18	1.452.99		574.1
Average of Current Benefit.	157.80			464 58	771.80	973 29		385.8
Average of 110% of PBGC Guarantee Average of Percent								
	67 2%	77.5%	78.8%	85.4%	58.2%	67,0%		77.01
60-64 Count of AA		16	38		-			22
				16	969.39			
Average of Current Senefit		255.00		528.06			2,599,19	
Average of 110% of PBGC Guarantee		252.82		42632	631.04		1.297.73	321.5
Average of Fercent		79.7%	92.25	89.9%	76.6%		30.1%	87.55
65+				_				
Count of AA.		5	12	3			Jane 5.	29
Average of Current Senerit		305,93		624.24			2,761,04	524.5
Average of 110% of PBGC Guerantee		210.10		479.14			1,322.51	348.4
Average of Percent		80.1%					48.7%	
otal Count of AA	2	109	127	54	22	3	3	320
otal Average of Current Benefit	245.34			801.39	1,519.98	1,883.32	2,703.42	594.7
otal average of 110% of PBOC quarantee	157-50			505.00	775,05	1,010.51	1,314,11	352.7
otal Average of Percent	64.3%	77.9%	82.0%	78.2%	62.1%	65.8%	38.8%	78.0

Maximum Suspension

In Pay Status Impact of Monthly Benefit Receiving with 110% of PBGC Guarantee

Row Labels	- 01-04	05-00	10-14	35-10	20-24	25-29	30-34	25-39	40+	Grand Total
50.54										4
Count of AA		100.96	302.65		566.71					157.94
Average of Current Benefit		185.12			528.04					335,64
Average of 110% of PBGC Guarantee Average of Percent		105.12			529.04 ME 2 N					334,44
SS-50										100,000
Count of AA		-	10	- 4	-	15	- 6	2		38
Average of Current Benefit		W7.03		NON UN	I HOA BO		1,148.48			2,874.88
Average of 110% of PBGC Guarantee		96.66		527.20	602.20	962.02	715.75			616.62
Average of Percent		180.65N		89.3%	75.6%		74.3%			72.7%
6D-64			-	401418	1 40404			10,000		100
Count of AA		6	2.5	13	-13	23	10		1.1	77
Average of Current Benefit		291.45	532.86	627.69	1.771.07	2,420.10	-2.194.73		2.615:24	1.382.71
Asserting and 1,10% of PROSE Occur prises.		252.24	527.64	839.94	WWW.11	566.25	MR1 27		1,457.55	975.48
Average of Percent		05,0%	971430	34.3%	62,416	- SA 200	160.256		- 19Q.29V	69.2h
65-69				-						
Count of 44		-	28	22	33	88	30		2	182
Australia of Current Semplit		374.51	239.40	465.58	894.52		2,424.36		2,575.92	1,342,90
Average of 110% of PSGC Guarantee		217.89		572.92	551.41		1,161,64	1.561.55	100019	681.15
Average of Percent		- NT 81%	98,485	AMINE	RECEIN	49.50	36.75	79.8%	RT.RNs	71.41
70-74		_	-				-			- Calif
Count of AA		200	27	18	15	14	50		3	105
Assertige of Current Benefit	F18.40	140.71		672.74	RRZ RE		3,308.58		2,188.43	1,234.10
Average of 110% of PBGC Guarantee	29.49	215.39		435.79	553.49	907.75	1,186.14		1,622.16	677.25
Average of Percent	329	70.4%	925%	55,0%	82.1%	10.0%	10.3%	34.2%	17.5%	75.0%
Count of AA	-		16	20	17	15	48	-	-	90
Average of Current Senetit	1,498.14	97.45		745.51	1,054,84		1,634:45	5,189,06	2.012.45	1.042.96
Average of 110% of PROC Gues arden	1,450,14	97.40		500 B2	825 90		1,298.17		1,818.78	786.30
Average of Percent	55.9%	29.9%		80.5%	85.9%		70.2%		07.7%	8615
80.64	41.00		-	800-276	No. of Co.	- manage / m		Man Serve	Mr. 10 / 10	- Maria de
Count of AA		2	18	7.6	18	18	- 4	7		78
Ager age of Current Denefit	757:10	290.44		552.19	559.76		2,008.51	1,305.68	1,450.63	779.61
Average of 110% of PBGC Guarantee	750.51	290.44	287.52	542.09	666.28	909.24	1,996.20	2,288,98	1.450.62	774.88
. Average of sections	96.60	5 (E) (De	76.05	48,00	404 970	WH. 800	49.47	100 100	- 100 CW	PERM
65-69										
Count of AA	- 6	1	16-		12		8	3	- 2	65
average of current senetit:	542.68	1,0940.04	270709	644.7%	75926		890.09	7,000.3%	581-hh	/MIN.194
Average of 110% of PBGC Gueranow.	542.53	1,054:49		444.75	759.23		650.05	1,010.25	581.66	616.19
Average of Percent	700/096	200.0%	500.0%	300.0%	150.04	TOWNS	100.0%	189,0%	100.0%	100.0%
WO-94					7.0					
Count of AA	3		-6	6	266.00	5	2000	mad his		29
Average of Current Senetit	820.58		391.35	475.24	482.95		541.47	784.97		530.78
Average of 1 12% of PMOC GUARANCES	8313.508		100.00	279.24 300.05	481.95 100.05	901K #1	100 04	18444		940.78
954	100.0%		THE REAL PROPERTY.	200700	FORESCOR	THE REAL PROPERTY.	100000	STATE OF		STREET, STREET
Louist of AA				-	-	-	-			18
Average of Current Benefit			322.08	587.60	591.95	522.74	402/04			404.04
Average of 110% of PBGC Guarantee			322.28	387.60	591.95		482.04			484.84
guerage of Percent			Charles	300,004	10077	5150 (56)	VOLUME.		-	200409
Total Count of AA	-12	24	3.31	105	114	126	83	-300	11	634
Total Average of Current Benefit	680.05	348.52		590.66	952.73		2,006.34	1,766.61	1,757.21	1,102,46
total Average of 110% of PBSC Guarantee	911.82	249.52		411.00	659.85	909.66	2,390.66		1,288.70	677.92
rotal /werage of 210% of Peop. Guarantee										

2015 PPA Zone Status Funding Update

- Critical and Declining status ("deep red zone") requires
 - Critical status, and
 - Projected insolvency within 15 years or within 20 years if:
 - Inactives to actives is more than a 2-to-1 ratio, or
 - Funded percentage is less than 80%
- The Plan is projected to be in the deep red zone for 2015
 - An insolvency is projected in 2029, which is 14 years out
 - 2015 projected funded ratio is 61.0%, just need insolvency in 20 years
 - These results based on March 31, 2015 financials and other updates outlined on next slide

Basis for Funding Update

- The projected zone result is based on 2014 valuation plus:
 - The 2014-15 return is estimated to be 1.86% based on March 31, 2015 financials plus 2% for the last 3 months (8% expected return pace)
 - Estimated future weeks are 5,826 per future year after subtracting out 3,906 weeks per year from Ryder's withdrawal
 - Ryder's EWL payments are considered reasonably collectible and have been added to projections
 - The special assumption updates used for the study were not added because the PPA certification is based on the 2014 valuation result

2015 PPA Zone Status Scheduled Progress

- Scheduled progress certification satisfied if
 - The Board has reconsidered in the 2014-15 plan year whether all reasonable measures still have been exhausted
 - This reconsideration does not necessarily require further action
 - Should be done if it has not already; PPA requires annual updates to the rehabilitation plan

Next Steps

- Regulations regarding benefit suspensions to be released any day now
- PPA certification completed 9/28/15
- PPA zone notice and Annual Funding Notice
 - Mailed out by 10/28/15
 - Opportune time to also mail out suspension notice (submission of proposed suspensions must have already been made to IRS)
 - Would address concern participants may have regarding suspensions
- Second wave of suspension studies?
 - Further studies will add 2014-15 return from 2015 PPA certification update
- Timing of suspension?
 - The reduction level will only be greater the closer the Plan gets to insolvency
 - If effective 8/1/16, should do 2015 valuation ASAP so estimated suspension impact notice going with 10/28/15 notices would have latest benefit figures
 United Actuarial Services, Inc.

Actuarial Basis

This report includes results which are based on plan provisions, assumptions, methods and demographic data described in the July 1, 2014 actuarial valuation of the International Association of Machinists Motor City Pension Fund except as noted. This report is subject to the same qualifications and limitations as detailed in that report.

I am a Member of the Academy of Actuaries and fully meet the qualification requirements of the Academy to provide the opinion contained herein.

Redacted by the U.S. Department of the Treasury

Paul Bullock, ASA, EA, MAAA

Annual Benefit Impact on Actives At Age 55 Retirement with 180% of PBGC Guarantee

low Labels	- None	01-04	05-09	10-14	15-19	20-24	25-29	30-34	Grand Total
_Under 25									
Count of AA		4							- TABLE
Average of Current Benefit		6,899.44							6.899.4
Average of 180% of PBGC Guarantee		6,899,44							6,899.4
Average of Percent		100.09						1	100.0
25-20			•						
Count of AA	1	16							2
Average of Current Benefit	741.91	8,840.59							8,4143
Average of 180% of PBGC Guarantee	741.91								8,414.
Average of Percent	100.0%							- 4	2000
30-34	40000	-							and a
Count of AA		16	- 4						- 2
Average of Current Benefit			10,039,67	10 000 00					6,864
		5,659.78							
average of 180% of PBGC Guerantee									6,864
Average of Percent		100.0%	100.004	100 DN					1001
35-89			-	100	-				
Count of AA	3	6	3	10	5				1226
Average of Current Benefit	521.07		12,801.15						10,502
Average of 180% of PBGC Guerenies.	521.07		12,801.15						10,502
Average of Percent	100.0%	300 ON	100.0%	100.0%	100,0%				1001
40-44									
Count of AA			2	5		1			
Average of Current Benefit		5,522:0B	5,617.50	14,758.79	15,685.20	19,772.28			11,768
Average of 180% of PBGC Guarantee		3,322 OB	5,617.80	14,758.79	15,685.20	19,772.25			22,788
Average of Percent		100.0%	1000	100 th	100 0%	10009		- 1	1000
45-49									
Count of AA		. 6	3	10	5		3		
Average of Current Benefit		2.986.09	4.580.05	10.67474	18.167.04	17.749 88	21,261.35		11.542
Average of 180% of PBGC Guarantee		2,986,09	200 00 00 00 00	10 674 74		17.749.38			11,542
Average of Percent		100 ON	1000 ph	100.0m	100.0%	100.0%	SOUCH.		1000
50-54		-	-	2000	- Parket Street	T. SAMOON	-		- AKKA
Count of AA		- 4	1	97	3	- 2	- 4	2	- 3
Average of Current Benefit			14.259.24			16,475.85	38 880 57	22 238 45	15,297.
Average of 150% of PBGC Guerantee			14,259.24			16,473.85			15,297
Average of Percent		100.0%	and the second second	300.0%		100.0%	3000000	100.0%	100.0
55-59		10000	100.000	200,074	1000	20000	10000	10000	1000
Count of AA		-		- 4	-	-	-	-	
		a second		-			3	to desire	
Average of Current Benefit		1,507.65		4.486.57		22,866 11			18,585
Average of 180% of PBGC Guarantee		1,307.63		4.391.98		22,866,11			18,360
Average of Percent		200.0%		98.4%	100 DM	100.0%	100 OW	100.0W	99.5
otal Count of AA	4	59	11	40	21	8	9	3	45
otal Average of Current Benefit	576.28		8,883,44			18,962.54			11,418.
otal Average of 180% of PBGC Guarantee	576.28	6,087,61	8,883,44	9,939.60	18,744.94	18,962.54	30,505,28	30,968.75	11,416
otal Average of Percent	100.0%	100.0%	100.0%	99.8%	100.0%	100.0%	100.0%	100.0%	100.6

Annual Benefit Impact on Actives At Age 62 Retirement with 180% of PBGC Guarantee

									_	
Row Labels	None	01-04	05-09	10-14	15-14	20-24	25-29	30-34	35-39	Grand Total
Under 25							-			
Count of AA		4.00								4
Aserage of Current Sensits		8,297,52								8,297.52
Average of 180% of PBGC Guarantee		8,397.52								9,297.52
Average of percent		10000								:00/m
25-29		-								- 64
Count of AA	644.00	18								19
Average of Current Bonofit		10,750.60								10,241.96
Average of 180% of PBQC Guarantee		10.759,69								10.241.86
Average of Percent	100.0%	100 00								100.0%
50-54										100
Count of AA		16	an ann 2							20
Average of Current Benefit			12,077.34							8,415,44
Are age of 180% of FBGC Guarentee			12,077,34							8,418,44
Average of Percent		900.0%	300.0%	3300194						700.05
35-39					-					
Count of AA	2		2	10	- 9					27
Average of current senefit	687.43		15,794.10							12,247.30
Average of 180% of PBGC Guarantee	687,45		15,794.10							12,209.2
Average of Percent	1000	200,016	200'04	2000	99.5%					99.95
40-44										
COUNT OF AA		1.0	3	5		1				38
Average of Current Bancill		4.018.54				22,100,40				23,003.5
Average of 180% of PBGC Guerentee		4.018.54			17,577.27	22,100.40				13,665 5
Average of Percent		200.0%	0.00,000	100,01	100.0%	100.0%				100.05
49-49										
Count of AA		- 6	3	1.6	2	3	3			30
Average of Current Sebelit		4,705.00				19.885.87				15,601.00
Average of 180% of PBGC Guaration		4,705,09				19,885.87				15,601.0
Average of Percent		200.0%	100,0%	100:04	100.0%	100.0%	200,00			106.04
50-54			2.							
Count of AA		4 10 10	1	9	5	2		3		25
Average of Eurrent Senetit			17,455.28			18,51133				17,409.0
Average of 180% of PBGC Guarantee			17,456.28			18,511.52				25,222.0
Average of Percent		1601094	100.64	200,000	87,0%	200.08	86.9%	1000.0m		96.31
55-50						- 4				
Count of AA			0000 3			5	Co cas 3	3	4	44
Average of Current Bendfit		2,304.93		9,818.56		26,732.60				17,247,71
Average of 180% of PBGE Guarantee		2,394.93				22.711.38	a - and the	A. C.	1. 140-15	15,408.78
Awereige of Percent		\$500.078	200,0%	36,500	33.19	95.0%	31.7%	20,4%	100.0%	20.01
60-64								- 1		
Count of AA	V. J. d.		2000	6	Court of the	2	47.00	Same 2	Section 18	25
Average of Current Benefit	193.93		3,396.91	5,618.61		21,951.72			39,877.67	07,667.96
Average of 180% of PBGC Guarantee	198.92		3,356.81			16,655.02				15,284.38
Average of Percent	100.0%		2,00,0%	100,01	69,4%		92.7%	82.0%	200,014	20,08
otal Count of AA		B3.	10	53	B	15.	18	was to	Acres A	210
otal Average of Current Resett	625,45					22,991.72				14,194.22
otal Average of 180% of PBGC Guarantee	635.45		9,853,66				25,318,89	24,678.47	22.896.04	13,364,23
lotal Average of Percent	109.0%	200.0%	200.000	55,7%	26.119	55.0%	92.49	50.7%	200,078	98.0%

Annual Benefit Impact on Actives At Age 65 Retirement with 180% of PBGC Guarantee

		_				_	_	_		_	_
Nove Laticis	- None	01-04	05-09	10-14	15-10	20:24	25-29	30-34	35-39	40- 1	irand Total
Under 25					-	-					-
Total of AA		- 4									4
Average of Current Benefit		9,000,00									0.006.60
fiverage of 180% of PBGC Guarantee		8,896,69									6,696,69
Average of Persent		TOO OR									TOTAL INC.
25-20		-	,								2000000
Count of AA		16									19
Average of Current Benefit		11,582,10									11.025.08
Average of 180% of PBGC Guarantee		6 11,582,16									11,025.09
Average of Persent	1/200,06	100.00	6								100.05
30-34		-									
count of Ao		16	- 2	- 2							10
Assertage of Clarence Benefit		7,723.43	12,950.45	16-076.63							9.081.69
Average of 180% of 75CC Quarantee		7 773 48	12 950 65	16,078,88							9.081.60
overage of Percent		100000	1150	THE REAL PROPERTY.							LIBOLON
35-39		-	-								-
			_	-							
Count of AA	42.43			10	3						47
Average of Current Benefit	788.7			12,291 68							12,888.82
Average of 190% of PBGC Guarantee.	759.7			12,391.50							12,605,40
Average of Percent	1,00.0	100.0%	27.0%	10000	120,170						99.55
40-44											
Count of AA		4	- 2		- 6	- 1					39
Everage of Current Senatit		5,124,16	7,801,80	18,135.58	18,588.10	25.096.18					14,486.9
Average of 180% of FBSC Sugranger		3,174,16		17,376.46							14,236.0
Average of Percent		FEET 170 (20)		97.70		100.0%					80.44
45.49		THE REAL PROPERTY.		-	AT SHALL MAKE	4000					-
			-	4.40	- 0	-					
Count of AA		D		10		Section 2					50
Avorage of Current Bonetit		5,443.22		19,791.78							24,492.27
Average of 190% of ABGC Gueratore.		5,445.25		15,781.78							14,485.77
Average of Percent		-0.000.00W	100.0W	1.00.0%	100,000	100.0%	100.0%				100.0
50-66											
Count of AA		A		9		2	- 4	- 2			75
Average of Current Benefit		5.045.45	18,826,44	10 264 75	25,665,45	25 384 61	41,588,72	25,564,32			15,515.50
niverage of sistral of Peous Guarantee		39,000,45		10,246.78							18 9512 53
Average of Persent		TOO ON				LODITH					94.50
55-59		THE RESERVE	THE PERSON NAMED IN	- A Delivery of the	(MCC)	The Park Line	20034	- Street Street			-
Count of an		-		22.		-		-	-		4.0
		Aninas			2101020		AN 441 W	40 245 64	22.557.45		
Average of Current Benefit		221291									18 274 9
Average of 180% of PBCC Guarantee		3,212.91			10,014.21				22,557,45		15,485.5
Average of Percent		ALC: ON	1700,05	767.25	42.25	38.7%	31E 25L	NAC SER	100 0%		119.20
60-64											
Count of AA	1				1		- 4	. 2			2.6
Average of Corners Benefit	290.9	0	7.920.82	9 495 84	31,161 48	21,139 63	25,136.27	37,252 84	24 908 38	22,809.78	28,929.40
Average of 190% of PBGC Guarantee	390.9	D	2,916,92		18,725.85						15.970.90
Average of Percent	URGOS		LINKS	54 70	-0035			77-05		TOWN DOWN	91.85
057	-			-	1001	-		1,144			
Count of AA											- 2
				15,556 62						35,579.20	
Average of Current Benefit											16,7,51.61
Average of 180% of PBCC Quarantee				11/671/07						23,378,20	15.640.13
Average of Percent				907.7%				-		500.0%	97.11
oral Count of AA		65	16	56	25	17	1/1	7.	A	1.75	216
Total Average of Current Benefit	712.0	6. 8.157.13	10,042.28	12,356.18	21,621.71	23,440.01	30,207.91	30,439.50	25,763,01	22,399,24	\$5,225,40
rotal riverage of 190% of Metoc (supramise	712.0	R 8,187,18	10,903,36	11,685.15			25,695.28				\$1,006.00
fotel Avecage of Percent	1 100,01	100.05	99.55	97 PH	93.5%	96,5%	46.0%	87.7%	100.0%	200.0W	96.68

Annual Benefit Impact on Actives At Age 55 Retirement with 110% of PBGC Guarantee

low Labels	- None	01-04	05-09	10-14	15-19	20-24	25-29	30-34	Grand Total
Under 25									
Count of AA		4							4
Average of Current Benefit		6.899.44							6.899.4
Average of 110% of PBGC Guarantee		6.899.44							6.899.4
Average of Percent		100.0%							100.09
29-29									
Count of AA	1	18							19
Average of Current Senetit	741.91	8.840.59							8,414.5
Average of 110% of PSGC Guarantee	741.91								8,414.5
	10005								100 0
Average of Percent	100125	4400							2000
30-34		- 22	700						
Count of AA		16	2	2					20
Average of Current Benefit		5,659,78		13,328,87					6.864.1
Average of 110% of PBGC Guarantee		5,636,43	10,039.67	13,305 18					6,848,6
Average of Percent		99.8%	TOO DM	99.95					99.90
35-39									
Count of AA	. 3	6	. 3	10	5				27
Average of Current Benefit	521.07	5.750.84	12.801.15	10 298 42	20.024.42				10.502.8
Average of 110% of PDGC Guarantee	521.07		12.277.32		19 155.50				10,265.8
Average of Percent	100.0%		97.5%	99.8%	DT.4%				09.3
40-44	A 3650 (MC)	387.3			-0.004				20.4
Count of AA		- 4	- 29		6	-			
				I see the second					
Average of Current Senetit		3,322.08	5,817.80		15,685.20				11,788.9
Average of 110% of PSGC Guarantee		3,322.08		14,095,68		441			11,430.9
Average of Percent		100.0%	100.0%	97.2%	98.2%	95.6%			98.3
45-49				-					
Count of AA		6	3	10	5	3	3		30
Average of Current Benefit		2,986.09	4,580.06	10,674.74	18,167.04	17,749,38	21,261,35		11,542.3
Average of 110% of PBGC Guarantee		2,986.09	4,580.06	10.354.49	17,284.53	17,091.20	20,433.07		11,189.9
Average of Percent		F00.089	LCO.DN	97.7%	95.1W	96.4%	96,4%		97.7
50-54				-					
Count of AA		- 4	1	- 4	- 3	1	. 4.	2	25
Average of Current Senefit		2.216.70	1425924	7.760.52	21.556.39	15.473.65	36 860 52	22,238.45	15.297.7
Average of 110% of PSGC Guerantes			13 037.61		16 971 14				12,826.5
Average of Percent		100.0%			85.6%	25.2%	81.5%	74.8%	91.75
55-59		- AMMONTON	Me-7/6	-	BACOTO .	- Marie M	24-079	2.4140.00	W-101
Count of AA		1		4	2	-	-	1	12
Company of the Compan		0.00						48.429.36	
Average of Current Senetit		1,307 63		4,465.57	21,985 04	72,866 11			18.385.1
Average of 110% of PBGC Guarantee		1,238.01		4,460.27	16,544,77		29,671.03		14,508.2
Average of Percent		94.7%	-	29,9%	81.9%	92.0%	81.3%	67,3%	89.3
otal Count of AA		59	11	40	21	. 8	9	3	155
otal Average of Current Benefit	576.28		8,883.44		18,744.94		30,505.28		11,418.5
otal Average of 110% of PBGC Guarantee	576.28	6,076.66	8,629.52	9,731.62	17,051.06	17,925,38	24,868.54	21,956.25	10,555,95
otal Average of Percent	100.0%	99.8M	-98.5N	198 KM	93.6%	94.9%	86.4%	72,3%	97.05

Annual Benefit Impact on Actives At Age 62 Retirement with 110% of PBGC Guarantee

low tabels	- None	01-04	05-09	10-14	15-19	20:24	25-29	30-34	95-39	Grand Total
Under 23		2000			2000		9-1-0	663/1	14100	
Count of AA		4								- 4
Average of Current Benefit		6,297.52								6.297.52
Average of 110% of PRGC Guarantee		8,300.45								8,300.49
average of Percent		55.7%								99.21
25-29										
Count of AA	1	10								19
Average of Current Benefit	621.00	10,759.60								10.241.96
Average of 110% of PBGC Guarantee	921.00	10.489.52								9.988.55
Average of Percent	100 00	07.0%								57.75
50-54	-									
Count of AA		16	2	2						20
Average of Current Senetit		T 104 34	12.077.34	1505234						8.416.44
Average of 110% of PBGC Guarantee		0.827.04								5.092.90
Average of Percent		OT NO	97 (40)	GK 0%						DT AN
55-59										-
Count of At.	- 9	- 2	2	10	2					27
average of current sene in	887 45	8,856.56	19.794.10	11.888.39	22 26 2 00					12,297,95
Average of 110% of PSGC Guarantee	687.45	8,519.09		11,201.92						10.910.41
Average of Percent	100.0%	97.3%	87.3%	97.0%	66.674					94.45
40-44	40000	W/- 228	#1 (50g)	20,400	90.074					94.43
COUNT OF AA		-	- 19	5	-	-				18
			****			22 200 40				
Average of Current Benefit		4,616.54	7,146.60		17,577.27					13,063,50
Average of 110% of PSGC Guarantee		4.516.02	7,146.60		15,242.55					12,300 91
Average of Percent		99.0%	100/016	89.3%	92.0%	90.6%				99.75
45-49		_					-			100
Count of AA			3	10	3	3				30
Average of Current Securit		4,706 00	8,520.91		20,495.19					15,607.00
Average of 110% of PBGC Gueranne		4,500.58		11,842,19			21,106.09			12,520.45
Average of Percent		29.23	99.7%	82.4%	90,4%	61 OH	91.2%			01.0%
50-54				-						
Count of AA		4	1	9		2	-	2		25
Average of Current Benefit		4,195.42	17,456.28		23,029.56			24,560.59		17,409.00
Average of 110% of PRGC Guarantee		4 014 38		8,608.62		16,769.79		10,027.78		12,621.93
Average of Percent		27 UH	77,756	96.3%	65.57	90,745	54,24	81,27		84.5%
55 59										
Count of AA		5	2	11	5.		7	3	9	44
Average of Current Genefit		2,394.93	5,071,92	8.919.56			28,308.52	18,137.20		17,247.71
average of 110% of PBGC Guarantee		2,278 12	4,778.84	7,489.59	14,878-21		18,373 16	17,374,66	19.587.65	12,240.01
Average of Fercent.		90 AW	30,676	50.4%	75.5%	65,616	75.5%	73.0%	89.2%	83.25
60-64										
Court of AA	4		2	- 6	1	3	- 4	2	- 4	25
Average of Current Senedit	199.92		9,295.81	6,618.64	29,542.20	31,951.72	24,161,38	35,969 50	39,977,67	17,647,96
Average of 110% of PBGC Guarantee	195.92		8,218,42	5,958,44	12,555.00	12,587.01	17.015.84	18,138,78	18,688.65	11.855.17
Average of Percent	200 0%		95.1%	97.2%	42.0%	77.0%	77.6%	38.9%	79.3%	80.2%
stal Count of AA	3	-63	10	53	25	15	10	7	-	210
otal Average of Current Benefit	635.45	7,446.67	0,053.66				29,140,58	20,254.54		14,194,22
otal Average of 110% of PBGC Guarantee	635.45	7,209.12	8,160.02	9.988.92		16,435,68		18,303.87	19,113.15	11,438.71
otal Average of Percent	100.03	57.7%	93.9%	93.2%	82.4%	76,6%	76.0%	71.7%	84.2%	65.5%

Annual Benefit Impact on Actives At Age 65 Retirement with 110% of PBGC Guarantee

										_	
low Labels	- None	01-04	05-09	10-14	15-10	20-24	25-29	00:04	35-39	40-	Grand Tota
Under 25					112/21	212/2/5	100			12.7	CONTRACTOR OF THE
Count of AA		- 4									- 4
Average of Current Senetit		0.000,60									9,000,0
Restrate of \$10% of PSGC Quarantee		8,673.57									5,571.5
Average of Percent		NA IN									WH-51
25-29										,	-
	-	16									35
Count of 44	1 1										
Average of Control Benefit		11,582.18									11,0250
Average of \$10% of PBGC Guarantee		10.934.62									10,411.6
Average at Percent	20000	70.2%									95.A
40-40											
Count of AA		16	2	1							20
Average of Current Benefit:		7,723,43	12,950.63	18,078,65							9,001.6
Governge of 110% of PROC Good wilder			12,218.30								R 511.5
Average of Percent		360,036									95.0
15.10		- The same of the	-	-							
Court of As.			-	10	-						- 31
	70000		19 000 000		10 244 04						
Average of Current Serve():	756.75			12,281.53							12,995.5
Perenage of 310% of PSGC Guarantee	758.75			11.488.58							11,055.2
Average of Percent	100,00	94.75	AD.95	49.00	KR 246						M1.7
40-44											
Count of AA.		- 4	2			1					24
Average of Current Benefit		3,274.16	7,801.80	28,135,50	18,188,16	23,098.18					14,000.0
Aperage of \$10% of PBGC Guarantee		4.929.71	7,636.93	14 163 70	15,649,64	20,055.75					52 542 7
Average of Percent		CONTRACTOR OF THE PERSON NAMED IN	107.0%	35.1%	200	86.8%					93.0
43-49		-	-	30000		-					-
Count of AA			3	10	5	- 4	- 10				36
Average of Current Senetit		5,848.25		15,781.78		THE PERSON NA	24 050 00				14,485.2
Average of 110% of PROC Quarantee		9 189 96		12,188 08							11,6850
Average of Percent		90.2%	92 24	19.9%	85.3%	01.5%	85.1%				90.5
30-34											
Black of AA			N. S. P. S.		Latera N.		7.77	T			21
Average of Current Secrets		5,043,45	15,925,44	10,254.79	23,569,49	19,384.81	44,588.72	25,564,37			19,315,8
Average of 110% of PSGC Guarantee		4,712,68	12,289,40	9.304.32	11,782,09	16,357,79	20.124.24	21,355,48			12,2419
Querage of secrets		WW 176	WT-276	94.00	546.276	- NN.17%	9429	M M WHI			- FW 40
55-59											
Count of AA.		- 5	- 5	3.5	- A.	6		- 4	- 4		- 4
guerage of current senefit		H212.93	watte oa		21,919.29		THE WALL THE	796 T 6 2 100	STANT OF		18.274.0
Agents of 110% of PDGC Gustantes		2,846.05			13,203.68						118793
Average of Percent		93.25			56.55	82.6%	87 1%	75.3%	90.0%		77.0
attend of vertex			-	30,/5	00,3%	04.0%	BK-179	10,179	24/1/26		40.30
	-		-	- 2				_			76.0
Examinal AA	1		and the second	and the second	Carried Str.	5	BARREL CO	30000	Section 1	Section 2	24
Average of Current Benefit:	290.90		8,928,82		\$1,161,48						18,929.4
querage of a son of enous quarantee	3 (40), 900		4,600,60		31,484.5K						13,217.8
Average of Renount	100 CS		92.05	RE 156	26.7%	67,7%	67.7%	354%	A0.7%	90.1%	75.5
654											
court of as				- 2						T.	
Assume of Current famelit				45 558 62						25,578.20	18.231 6
Average of 110% of PBCC Quarantise				7,575,44						21 121 82	11,956.2
guerage of seccent				0.1 90						AM WIN	96.7
otal Count of AA	4	65	10	- 4	25	17	18			-	210
otal Average of Current Benefit	712.98							50.450.00	25.765.05	22,899,24	
otal riverage of 110% of PEGC quarantee				10,105.00							11,512.9
	713,89										85.7
otal Agerman of Propert	20000	80.4%	90,056	87.5%	27,4%	72.6%	67.1%	71,0%	85.0%	89,9%	BACK P

Annual Benefit Impact on Actives At Age 55 Retirement with 100% of PBGC Guarantee

Row Labels	- None	01-04	05-09	10-14	15-19	20-24	25-29	30-34	Grand Total
Under 25			4.1000			W	20.2.2.2		AND DESCRIPTION OF THE PARTY OF
Count of AA		- 4							4
Average of Current Benefit		6,899,44							6.899.4
Average of 100% of PBGC Guarantee		6,848,61							6,848.6
Average of Percent		94.5%							98.5
25-29									
Count of AA	1	18							23
Average of Current Benefit	741.91	8.840.59							8.414.3
Average of 100% of PBGC Guarantee	741.91	8,615,41							8,201.0
Average of Percent	100.0%							- 1	983
30-34	400000	-							
Count of AA		16	- 4	- 1					2
Average of Current Benefit			10,089,67	10 000 00					6,864.1
Average of 100% of PBGC Subrantee		5,429.32		12.547.61					6,580
		97.90	2,021.31	95 AM					9.350
Average of Percent		24.27	20,07	93,4%					37.6
35-89		-	-	IN	-				_
Count of AA	3	6	1 de 1 de 1 de	10	5				14.20.2
Average of Current Benefit	521.07		12,801.15						10,502.8
Average of 100% of PDGC Guerenies.	521.07		11,542.65	9,775.23					9,651.5
Average of Percent	100.0%	97.25	92.4%	95.5%	89.5%				95,2
40-44									
Count of AA			2	5		1			- 1
Average of Current Benefit		3,522.08	5,617.50	14,758.79	15,685.20	19,772.25			11,7883
Average of 100% of PBGC Guerantee		3,259,55	5,617.80	13,095.49	14,034.56	17,181.27			10,616.
Average of Percent		25.1%	1000	91.7%	90.1%	86.98			953
45-49									
Count of AA		6	3	10	5		3		3
Average of Current Benefit		2,986,09	4,580.06	10,67474	18.167.04	17,749.38	21,261.35		11.542
Average of 100% of PBGC Guarantee		2,938,96	4.513.28	9.598.23	15,713.21	15,537.46	18.575.51		10,268
Average of Percent		38.9%	98.9%	91.6%	86.5%	87.6%	87.5%		924
50-54			-		2000	-	-		
Count of AA		- 4	1	34	3	- 2	- 4	2	- 2
Average of Current Benefit		2 216.70	14,259.24	7.760.32	21 536 59	16,473.85	36 860 52	22.238.45	15,297.3
Average of 100% of PBGC Guerantee			11,852.58		15,600,45				11,741
Average of Percent		96.7%		92.6%		85.5%	74.1%	SE DA	85.4
55-59		7017.0		42.00	1410.0	MM-0/2	10.000	-	20.0
Count of AA		-		4	- 2	-	- 2	-	- T
Average of Current Benefit		1,507 65			21,983.04	27 800 17		AR 430 48	18,585
Average of 100% of PBGC Guarantee		1,125,46			15,040.70				18,2210
Average of Percent		86.1%		94.4%	74.5%	83.6%	73.9%	61.2%	82.4
otal Count of AA		59		40	21	60.0%	75.378	9129	15
	The second secon		11			The second second second			
otal Average of Current Benefit	576.28	6,087.61	8,883.44		18,744.94				11,418.3
Total Average of 100% of PBGC Guarantee	576.28	5,905.26	8,263.66		15,592.81				9,850.4
Total Average of Percent	100.0%	97.8%	95.7%	93,3%	85.9%	86.3%	78.6%	65.7%	92.6

Annual Benefit Impact on Actives At Age 62 Retirement with 100% of PBGC Guarantee

					_		_		_	_
Row Labels	None	01-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	Grand Total
Under 25										
Count of AA		- 4								4
Asstrage of Current Density		8,297.52								0.297.52
Average of 100% of PBGC Guarantee		7,726.20								7,726 20
Average of Percent		94.5%								34.3%
25-29										
Count of AA	1	1.0								1.0
Average of Current Benefit	921.00	10,759.69								10,741.86
Average of 1,000s of FBGC Guarantee	521.00	9,551.35								5,057.11
Average of Percent	100.09	89.9%								90.45
30-34		-								
Count of AA		16	- 2	3						20
Average of Current Benefit		7 104 34	12,077,34	15.252.34						8,418,44
Average of 100% of PBGC Guarantee			10 697 71							7,413.72
Aperage of Percent		95.5%	00.7%							90.45
35-39		-								-
Count of AA	- 3	- 6	3.	10						21
Average of Current Senerit	587.45				27 247 00					12,747,59
Average of 100% of PBGC Guarantee	667.45			10,229,13						9,947.20
Average of Percent	10000		79.4%	90.0%	78.9%					87.68
40-44	THE REAL PROPERTY.	00.74	1949	THE SAME	10.75					04.89
			-	. 4	1.6	-				
Count of AA		Entre	mi bara an		17,577.27	25.255.46				18
Average of Current Bonefit		4,618.54								13,663.56
Average of 100% of PRGC Guarantee		4.157.39				18,204.70				11.205.98
Average of Percent		25.3%	82.4%	32.2%	81.47	82.4%				85.9%
45-49				- Land			-			
Count of AA		Tarre B.	- A	10	44	2	B			90
Average of Current Benefit		4,786.09	6,528.91				28,200,20			13,601.00
Average of 100% of PBGC Quarantee		4.215.75		10,765,63		16,470(11				11.396.35
Average of Percent		90.7%	95.5%	8439%	82.2%	82.9%	12.040			85.85
90.54										
Count of AA		- 4		9			4	3		25
Ayerage of Current Schools		4,195,42	17,456,28	3,513.45	25,025.56	18,311,53	40,030,20	24,500.50		17,409.00
Average of 100% of PBGC Guerantee		5,684.55	12,333.90	8,098,74	11,846.8E	15,239.75	21,249.17	18,125.25		21,489.10
Average of Percent		90.6%	70.7%	95.0%	59,3%	92.4%	56.2%	73,8%		77.29
55-59										
Count of AA		. 5	3	11	. 5	6	7	3		44
Average of Current Seretit		2.394.95	5,071.92	S-818.56	20.818.02	26 732 60	ZB 308.52	28 157 20	21.914.41	17,247,71
Average of 100% of PBGC Guarantee		2,091.14	4,298.05	6,029.04	10,071.10	15 142 00	16,702.67	15,749.69	17,761.50	11.134.72
Average of Percent		89.59	85.3%	89,0%	68.6%	68.3%	68'5%	68.4%	81.1%	76:19
60-64				-		-			-	1,000
Count of AA	1		- 2	8.	3	. 5	- 4	2	4	-25
Average of Current Bonefit	193.92		0,306.91	6 518 54	29 542 20	21.951.72	24.161.23	05,000,50	22,977,67	17,647.00
Average of 100% of PBGC Guarantee	193.92		2 924 02	5,442.65				16,489.80	16.989.68	10.785.42
Average of Percent	100.0%		86.4%		20.05	00.4%	70.6%	44.99	71.5%	
otal Count of AA	- Andread	65	-16	53	25	15	1.0	7		210
atal Average of Current Benefit	635.45			11,015.41		22,081.72		DO DES CO.		
otal Average of 100% of PBGC Guarantee	635.45		7,444.22	9,096,66					17,375.59	10,425.80
atel Average of Percent	10040		85.8%	MARKET THE P.	74,9%		69,3%	65,25	765%	82.7%
MANIPARTINGS OF LICENSERS	10000	200.00	03.0%	00/476	1,413/19	71.0%	92,239	DOM: N	PODR	4000

Annual Benefit Impact on Actives At Age 65 Retirement with 100% of PBGC Guarantee

		_	_	_	_	_	_	_		_	_
low Labels	None	01-04	05-03	10-14	15-10	20:24	25-29	20:34	95.99	40- (irand Total
Under 25		-					755				No. of Lot
Count of AA											- 4
Average of Durrent Benefit		9,995,69									B 896,69
Average of 100% of #800 Guarantee		7.961.55									7,561.56
Quer age of Percent		W0 45								-	WE 65
		M4.44									- MED 001
25-29											
Count of AA	1	1.6									19
Average of Durient Beriefit		11/482.18									11,025.0
Average of 100% of PBGC Guarantee	997.75	0.063.07									0.491.0
Awarage of Percent	100 DEC	105.5%									37.57
10-15	_	NAME OF									- Arrest
Count of AA		1.0		00							2.0
			a la lacata la la								
Average of Current Benefit				16,076.63							9,091.6
everage of 100% of PROC Bully a there		被用10.18		18,585.57							T, TRAD
Average of Percent		98.7%	06,0%	45-190							GP 31
35.39											
Count of 44				100							
Average of Current Depetit	758.75		12 020 20	42.261.53	20 400 60						12,995.5
Average of 100% of #560 Guarantee	758.75			10,490.63							10,075.2
Average of Propert.	A THOUSAN	26.76	78.9%	ME 15	75.6%						350
40-44											
Count of AA		4	- 2	3	- 6	1					32
Querage of Current Benefit.		7.174.18	7 801 80	18.135.58	TRANS IN	28 1988 18					14 des 8
Average of LOOK of PEGC Guarantee		4511.75		12.876.09							11.409.1
Average of Percent		19.7%	B230%	77.4%	182 7 W	78.5%					165.07
45-48											
Count of AA		6		- 10	5	- 3	- 3				30
Average of Current Senetit		5,445.25	7,852,70	15,781.78	21,492,98	20,796.66	24,035,59				14,485.2
over age of 100% of FROC Guarantee		4.720.42		IL DRO DA							21,982.8
Average of Percent		87.6%			77.6%	79.5%					92.2
50.56			- mr mr.	10000	1,4,44,00	100,000	COMM				
Desirt of AA			-	_	-		- 4	-			21
			12000	Secretary of	44 344 70	And advanced	The second second				
Average of Current Benefit			18,625,4#				41,368,72				18,015.8
Average of 100% of FBGC Guarantee.		4.300.27	11.154.00	8,456.47	10.710.99	14,852,54	15,785.13	19,412.25			11:151.5
average of percent		87.9%	200.130	88.476	10.00	CT AND	Chi Whi	7.90 1876			72.80
55-59											
Count of AA		100	6.	31	31	6	7	- 4	- 4		2.0
average of current senefit		3 2 1 2 1 2	W-4011 /04	41.79h 55		THE THER AN	26,461.78	24 102 100	32 597 45		5K37E4
Average of 100% of PDGC Guerantee		2,597.66					15,134,64				10,806.1
Average of Percant		83.7%	62.2%	78,7%	40.5%	1.5 8.5%	92.0%	66.5%	93.3%		71.1
MD-64											
Count of AA	- 1		. 2	7	1	5	4	2	4	2	24
Average of Current Societit	29030	1	3,916.82	12 400 84	37 197 48	23 385 RN	25,188,27	37 257 84	24 9AB 46	21 800 26	18,929.4
overage of 100% of PMIC GUARANTEE	240.46		3.3D8.12				18,021,44				11,118.7
Average of Persent	100.05		84.4%					10,000	73.3%	81.9%	69.2
	1380,000		200 1000	(5)(0)	20.6%	902-1C4	B-1.30+		Value.	NEAR.	10 10 20
85*											
count of AA										4.	
Asserting of Current Benefit.				15,556.62						25:578:20	18,251.8
Average of 100% of PBGC Guarantee				0.705.13						19,201.65	10,695.5
querage of vertient.				46.69						KE-476	5K.47
gel Count of AA	- 9	6.5	16	- 4	25	17	4.00	100	180	3	216
							14	No. bear in	-		
otal Average of Corrent Benefit	712.00						30,207,01				15,225.4
otal riverage of 100% of exoc. Quarantee	211.00		7,727,48			18,978.62			18,383,30		20,096.5
odal Assesse of Percent	E00035	87.75%	81,8%	80.3%	70.4%	66.0%	64.0%	64.0%	77.6%	R1.7%	78.55

International Association of Machinists Motor City Pension Fund

December 4, 2015 Board of Trustees' Meeting

Study on Benefit Suspension with Critical and Declining Status

Paul Bullock-United Actuarial Services, Inc.



Critical and Declining Status Recap on Benefit Suspensions

- Key additional tool becomes available in the deep red zone
 - Benefits already earned <u>can</u> be suspended
 - This includes benefits already in pay status
 - Idea is to take a lesser reduction now to avoid a greater reduction, down to the PBGC guarantee, when plan becomes insolvent
- Actuarial conditions of benefit suspension
 - The Plan would eliminate its projected insolvency with the benefit suspension levels contemplated
 - In years after suspension, document that
 - · the Plan would project an insolvency without continued suspensions, and
 - all reasonable measures continue to be taken

Benefit Suspension Recap on General Conditions

- Suspensions cannot be lower than 110% of PBGC guarantee
- No suspensions for
 - Disabled participants
 - Participants over age 80 with phase-out beginning at age 75
- Suspensions can't materially exceed the level necessary to avoid a projected insolvency
- If suspensions are done in conjunction with a partition
 - Suspensions can't take effect prior to the partition effective date
 - Suspensions must be maxed out and more action is still needed to eliminate an insolvency before a partition would be approved

Benefit Suspension Recap of Possibilities Under MPRA

- Any suspension must be equitably distributed
- Factors that may be taken into account include
 - Age and life expectancy
 - Length of time in pay status
 - Amount of benefit
 - Benefit type: early, normal, survivor
 - Extent of subsidized benefit
 - Extent of post-ret increases
 - History of benefit increases and reductions

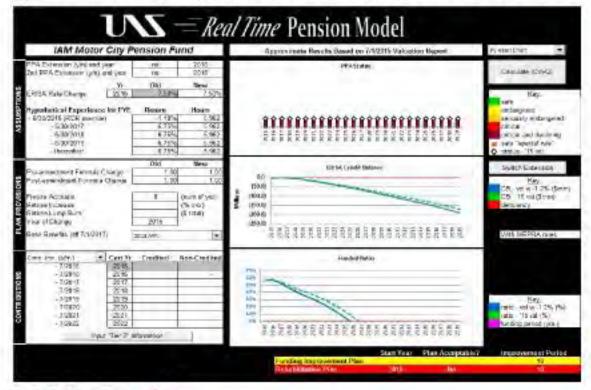
- Years to retirement for actives
- Discrepancies between active and retiree benefits
- Extent actives would withdraw support, which would trigger a drop in weeks and further cuts
- Service earned with withdrawn employers that didn't pay their full withdrawal liability

Benefit Suspension Funding Conditions

- The proposed regulations released on June 17 outline the funding conditions that must be satisfied after suspension*
 - The solvency ratio must be 1.0+ for extended period of 30+ years
 - Ratio numerator: beg. of yr. assets + inv. inc. + contributions expenses
 - Ratio denominator: expected benefit payments for the year
 - The funded ratio is at least 100% at end of extended period <u>OR</u> the solvency ratio only *increases* in last 5 years of extended period
 - "Goldilocks Rule" The above tests would not be satisfied if the level of reduction per participant was 5% less

Current Outlook Insolvency in 2025-26

The insolvency has moved up 1 year due to a weak -1.18% return in 2015-16 so far:



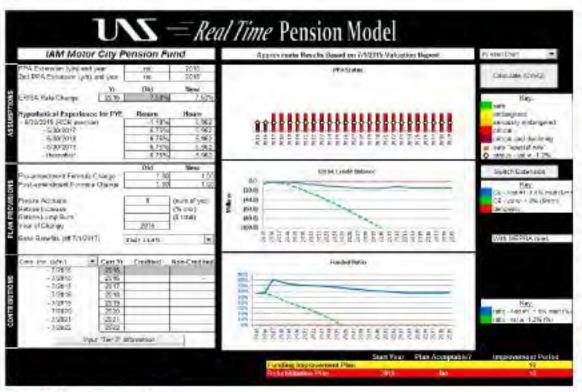
Suspension Studies – Round 2

- At the June 23rd meeting we were asked to value what level of suspension would be needed with the following changes:
 - Study #1 Lower past multiplier in 0.1% increments to a new max ceiling
 - The 3.5% multiplier benefits would be affected first, then 3.4%, etc.
 - The floor benefit would still be 110% of PBGC premium
 - We assumed pre-1988 termination participants (whose benefits are based on a crediting rate and not a multiplier) will always be below the ceiling multiplier
 - Disabilities/age 80+ participants protected, ages 75-79 participants partly protected
 - Study #2 Eliminate all post-retirement increases, then follow Study #1
 - Study #3 For participants of employers that didn't pay their full EWL, make the minimum suspension high enough so that the corresponding liability value equals to their employer's unfunded liability, then follow Study #2
 - All suspensions are assumed to be effective July 1, 2017

Study #1 Historical Multipliers

- Multiplier levels subject to reduction in Study #1
 - Pre-7/1/04 contributions
 - <1.6% multiplier assumed if terminated prior to 1/1/88 (detailed data n/a)</p>
 - 2.9% multiplier if terminated prior to 7/1/91
 - 3.1% multiplier if terminated prior to 7/1/92
 - 3.2% multiplier if terminated prior to 7/1/93
 - 3.3% multiplier if terminated prior to 7/1/94
 - 3.4% multiplier if terminated prior to 7/1/95
 - 3.5% multiplier is otherwise used
 - = 7/1/04 to 6/30/06 2.0% multiplier
 - 7/1/06 and later 0.5% multiplier applies on credited contributions

Study #1 Results 1.6% Multiplier Ceiling



Study #1 Impact to Historical Multiplier Schedule

- Pre-7/1/04 contributions
 - No reduction if terminated prior to 1/1/88 (detailed data n/a)
 - 1.6% multiplier is otherwise used
- 7/1/04 to 6/30/06 − 1.6% multiplier
- 7/1/06 and later 0.5% multiplier remains unchanged

Active Accrued Benefit Impact w/1.6% Multiplier Ceiling

Howe Laboria	_None		01-04	05-09	10-14	15-19	20-24	25-29	20-24	39-30	40+	Grand Tertal
stnder 25			-									
Court of AA		1	2									-
Average of Birts.		2.67										20.6
Average of Study 1 Biren	_	3.67	295.318									20.a
Average of Percent		200.030	100'146								_	10010-07
25-29												
Count of AA			35									15
Average of SENA			54,43									54.4
Average of Study 1 BENA			54.41									94.4
Average of Persont			200 UNI									3,000.01
90-54												
Count of AA			3.4		. 1							3.5
Average of BENA			43.90		754.53							09.4
Average of Study I BENA			41.92		552:65							75.9
Average of Percent			200 0%		72,2%							94,90
25-29												
Count of AA		38	- 2	- 31	- 1	2						1.1
average of BENIA		C1-R00	23.52	209,199	607.59	1104.59						326.3
Average of Study 1 BENG		0.80	21.52		456.55	712.11						230.0
Average of Percent		SIMPLE STATE	ARRESTME	200 0 W	79.5%	04.5%						70-0
90.44		-	-			-						10000
Count of AA		1	2		3							1.7
Average of BENA		1.62			551,68							856.6
					407.38	940.27						560.6
Average of Study I BENA	100		100.05			THE RESERVE AND ADDRESS OF THE PERSON NAMED IN						
Average of Percent		\$600000	TOTAL STREET		73,0%	62.7%						95,40
45-49				-	-							
Count of AA		1		4	2	5	5					47
Average of BENA		9.52		332.72	628.22							800,5
Average of Study 1 BENA	_	4.32		222.72	528.93	706-47						505.3
Average of Purcent	81	ann,co.	100 150	THE DAME	28.4%	ma.e.ki	BY HIS					MrS-65
50-54												
Count of AA			311		3	2	2	2	- 4			12
Average of SENA			80.76		753.56	904.28	1626.16	2571.77	2336.81			3444.5
Average of Study I BENA			60.76		365,25	619.21	3040.05	1437,25	3,903,35			848.2
Average of Percent.			-BOOUTS		75.4%	69,3%	36.95	3539W	55,000			58/7
55-59												
Count of AA			3		- 5	-4	2.	5	2			. 24
Average of BENA			64.28		735.94	1477.68	1825.92	2165.28	1879.31			1415.5
Average of Study 1 RENA			64.28		558,33	1906-20	\$100.1W	1234.97	2090.13			949.9
Average of Percent			TOO C'W		250,876	84-976	60.05	36.048	58.8%			943-01
00-64												
Count of Aa			2	- 26	- 4	20.	2	- 1	2	14	- 1	20
Average of BENA			21.40		473.29		2305-22	37510.74		1932.01	1798.50	1378.5
Average of Study 1 BENA				280.67			1320.35		1523.42			620.5
Average of Percent				IDEL UNG	72.2%	82.5%					36.5%	3.9.51
05+			_		1000		2012/2	-				2012
Count of AA					2							
Average of BENA					2185.89							4195.0
					795.21							
Average of Study 1 RENA												795.3
Average of Percent		-	-		67.4%	20	2.0		-	12		62.1
Total Count of AA			-68	- 10	28	1.H	12		×	4	2	13
Total Average of BENA		2.08		213.67					2828.33			880.3
Total Average of Study 1 BENA		2.08		233.67	506.59	809.08		The second secon	1554.90	and the second second	THE RESERVE AND ADDRESS.	555.7
Total Average of Percent		BOSE OVER	100.0%	ECHS DOWN	25, 396	65.0%	59/57%	36.6%	55.0%	58,976	56.5%	65,65

Inactive Vested Accrued Benefit Impact w/1.6% Mult. Ceiling

Row Labels	None	01-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
30-34											
Count of AA			1	3							4
Average of BENFIT				201.08							273.60
Average of Study 1 BENFIT				198.23							236.12
Average of Percent			74.5%	98.6%							86.3%
35-39											
Count of AA			9	10	3						22
Average of BENFIT			266.89	331,43	513-59						329.87
Average of Study 1 BENEIT			201.34	296.92	471.00						281.67
Average of Percent			75.4%	89,696	91.9%						85.4%
40-44											
Count of AA			10	6	5						21
Average of BENFIT			333.78	555,48	794.62						506.85
Average of Study I BENFIT			228.12	385.25	560,74						352.21
Average of Percent			05.3%	69.4%	70.6%						69.5%
45-49											
Count of AA			20	22	15	-2	2				63
Average of BENFIT			315.46	649.55	965.17	1099.10	856.12				638.50
Average of Study 1 BENFIT			213.34		546.15	801.34	785.33				453,84
Average of Percent			THE RESERVE	69.0%		72.9%	91.7%				68.9%
50-54			distant	and local	- mariana	120,10	2817.00				-
Count of AA		ì	24	25	8	8	2	1			69
Average of BENFIT						1459.80					650,50
Average of Study 1 BENFIT				30,000	501.29		1235.41				447.57
Average of Percent		Indiana de la constanta de la	72.0%		and the second second	62.6%	61.9%	72.8%			68.9%
SS-59		D4.776	/ Lune	10.270	23.0%	02.00	01.3%	12.0%			00.37
Count of AA		1			7	-	5	_	1		
The state of the s			20	47		7		2	1000		no
Average of BENFIT						1552.05		1191.88			592.37
Average of Study 1 BENFIT					600.16	The Park of the Park of	The second second second	1043.51	Wilder Committee		415,13
Average of Percent		69.9%	05.0%	73.2%	70.3%	35.9%	85.2%	\$7.6%	99.9%		70.1%
60-64			- 00	- 44							1000
Count of AA			20	40	14	9	1	. 1	1	1	87
Average of BENEIT				-	100	1218.92		1810.67			495.37
Average of Study 1 BENFIT			252.50	243.27	430.26	835.70		1297.73	1392.90	1589.51	383.96
Average of Percent			76.6%	82,2%	78,3%	68,6%	91.3%	71.7%	90/159	.89,476	77.59
65+											
Count of AA	1		3	14	7	1		2		1	31
Average of BENFIT	357.70		321,12	219.09	609.01	336.97		2810,60		1602.89	543,70
Average of Study I BENFIT	357.70		234.22	200.13	542.04	336.97		1459.80		1454.73	414.07
Average of Percent	100.0%		72.9%	31.3%	89.0%	100.0%	1	33.50e		90.856	76.2%
Total Count of AA	1	2	115	156	59	29	10	- 6	2	2	382
Total Average of BENFIT	357.70	234.05	321.65	431.98	733.99	1318.84	1135.69	1901.69	1544.54	1690.54	565.41
Total Average of Study 1 BENES	357.70	157.30	226.54	323.21	541.37	843.03	B91.47	1244.07	1390.33	1522.12	407.69
Total Average of Percent		67.2%	201,456	74.8%	72 656	63,9%	78.5%	65.4%	90.0%	90.0%	72.1%

In Pay Status Impact on Monthly Benefit w/1.6% Mult. Ceiling

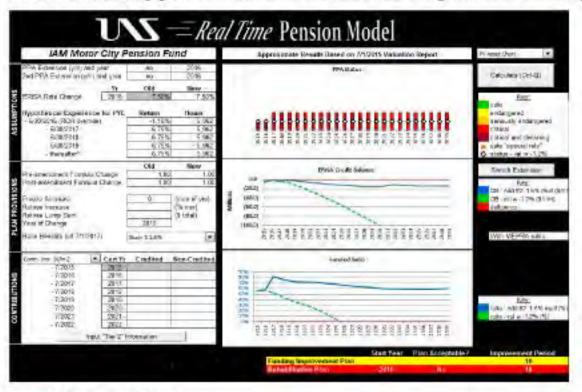
Row Labels	None	05-00	10-14	15-19	20-24	25-29	30-34	15-19	40+	Grand Total
50-54										
Count of AA			. 2		1					3
Average of Benefit			332.55		386.71					410.60
Average of Study 1 Benfit			313.30		528.04					384.86
Average of Percent			98.759		93.2%					93.7%
55-50										
Count of AA		2	-8	5	4	1.3	4	4		40
Average of Benefit		148.49	262.79	844.42	1646.66	2323,61	1348.46	1665.10		1386.77
Average of Study I Benfit		139.90	234.90	367.12	1028.65	1193.18	740.63	1106.35		806.22
Average of Percent		94.2%	89.4%	67.2%	62.5%	51,436	54.9%	71.2%		58.39
60-64										
Count of AA		5	11	14	12	21	213	1	1	73
Average of Benefit		313.02	503.80	740.75	1874.53	2293.95	2297.04	643.62	1615.24	1511.65
Average of Study 1 Benfit		245.58	382.16	467.79	972.57	1313.12	1318.27	635.35	1457.35	886.70
Average of Percent		78.5%	75.9%	63.2%	51,9%	37.2%	57.4%	36.7%	90.2%	58.7%
69-69										
Count of AA		10	28	19	16	35	17	5	3	131
Average of Benefit		312.11	237.99	360.00	923.20	2529.61	2607.11	1921.12	2360.50	1376.46
Average of Study 1 Benfit		210.16	221.66	325.31	630.11	1366.54	1539.80	1352.69	1528.29	835.91
Average of Percent		67.3%	99,196	30.4%	68.3%		THE RESERVE OF THE PERSON NAMED IN		64.7%	50.7%
70-74								5.112.00		
Count of AA		5	27	20	18	12	22	ď	3	111
Average of Benefit		371.73	293.10	649.58	906.58	2315.47	2155.47	2271.78	2150.42	
Average of Study 1 Benfit		238,00					1256,47			730.68
Average of Percent		64.0%	85.7%		66.6%	53.3%	COLUMN TO SERVICE STATE OF THE PARTY.	62,1%	Street, Street, Square,	62,49
75-79		10.0000	_ 52009	3 4-18-05		-	Daniel out		Carana	
Count of AA		2	17	20	15	15	20	3	1	93
Average of Benefit		412.45	-			200	1832.50	1000		1097.21
Average of Study 1 Benfit		214.98		332	000.00	40.000	1434.42			B. 100 C. F. 100 C.
Average of Percent		52,156	ACCRECATE VALUE OF THE PARTY OF	The second second	86,5%	82,2%	78.3%	54,6%	and the second second	100000000000000000000000000000000000000
80-84			- Addison	90077,0		- CALLED	2012/9	27100	- COLAR OF	,,,,,,,
Count of AA	10	2	11	12	12	12	6	6	1	72
Average of Benefit	408.45						2009.39	A CONTRACTOR		823.13
Average of Study 1 Benfit	408.45	1	296.92				2009-39			
Average of Percent	100.0%		100,0%		THE RESERVE THE PARTY OF	100,0%	THE RESERVE OF THE PERSON NAMED IN	100.0%	THE RESERVE	10 mm and 20 mm
85+	200000	and the same	accepted to	400.00	-	200,070	2000-00-0	ALCOHOL: U.S.	and the same	-
Count of AA	70	1	a	3	30	7	2	- 5	3	105
Average of Benefit		1064.49		-	1260.55			1081.22		590.71
Average of Study 1 Benfit		1064.49	200		1280.55			1081.22		
	100.0%	100/0%	CONTRACTOR AND PERSONS ASSESSMENT	The second secon		The second second	100.0%	1001.22	100.0%	200.00
Average of Percent Total Count of AA	80	25	108	93	88	115	81	28	12	630
	The second second				To the second second	1	The second of the			
Total Average of Benefit	394.85		100	100000		-	2104.64	1		
Total Average of Study 1 Benfit	394.85		THE RESERVE	The second second second		-	1387.32	A STATE OF THE PARTY OF THE PAR	manufacture design of	
Total Average of Percent	100.0%	74.3%	88,9%	78.6%	74.296	60.1%	65.996	74.096	79.396	69.99

Study #2 Post-Retirement Increases

- Past post-retirement increases subject to reduction in Study #2
 - If retired before May 1, 1988, 10% increase
 - If retired before May 1, 1989, 5% increase + 1% per whole year retired before Jan. 1, 1989 with max increase of 25% and min increase of \$20
 - If retired before July 1, 1991, \$20 increase
 - If retired before July 1, 1994, \$100 increase
 - If retired before July 1, 1995, \$20 increase
 - If retired before July 1, 1999, \$30 increase
 - If retired before July 1, 2000, \$20 increase

Study #2 Results Repeal Post-Ret Incr. & 1.6% Mult. Ceiling

The savings from eliminating post-ret. increases didn't move up the 1.6% multiplier ceiling



In Pay Status Impact w/1.6% Mult. Ceiling & Repeal Post-Ret. Incr.

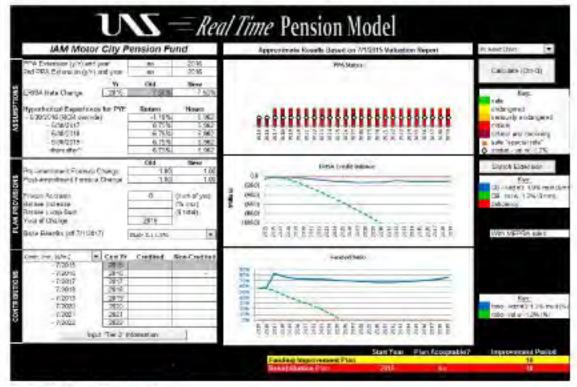
Row Labels	Nome	05-00	10-14	15-19	20-24	25-29	30-34	15-19	40+	Grand Total
50-54										
Count of AA			. 2		1					3
Average of Benefit			332.55		586.71					410.60
Average of Study 2 Benfit			313.30		528.04					384.86
Average of Percent			94.759	0 (92.2%					93.7%
55-50										
Count of AA		2	-8	5	- 4	1.3	4	4		40
Average of Benefit		148.49	262.79	844.42	1646.66	2323.61	1348.46	1665.10		1386.77
Average of Study 2 Benfit		139.90	234.90	367.12	1028.68	1193.18	740.63	1106.33		806.22
Average of Percent		94.2%	89,4%	67.2%	62.5%	51,4%	54.9%	71.2%		58.3%
60-64								-		
Count of AA		5	11	14	12	21	20	1	1	73
Average of Benefit		313.02			1874.53	2293.95			1615.24	
Average of Study 2 Benfit		245.58				1313.12			1457.35	
Average of Percent		78.5%	T-100		51,9%		57.4%	38.7%	90.2%	W 17 (50)
tris-tris				-					-	
Count of AA			28	19	16	35	17	5	3	131
Average of Benefit		312.11			923.20	The same of	2607.11	The State of	A 10 10 10 10 10 10 10 10 10 10 10 10 10	
Average of Study 2 Benfit		210.16					1533.33			
Average of Percent		67.3%			68.3%		58.8%	70.4%	64.7%	-
70.74		01-00		200.79 (8	1000			14,40	10-4-2-26	50.00
Count of AA		5	27	20	18	12	22	a	3	111
Average of Benefit		371.73					2155.47		A	
Average of Study 2 Benfit		238.00			100		1252.84			
		64.0%	ACCRECATION OF THE PERSON.	The second second	66.2%	53,1%	38.4%	62,1%	75.2%	Annual Control of the
Average of Percent		Epid-10/28	83/1/19	La-tain	D49-278		20-4-0	1947 18 19	63.536	. 900-000
70-1-6-1-1-0-0-0		2		20	15	15	20	3		93
Count of AA			17		and the second	1000		1000	1	
Average of Benefit		412.45		-			1832.50		1000	
Average of Study 2 Benfit		214.96	and the second second		885.56		1433.73		1931.40	
Average of Percent		52.1%	90,934	80.0%	86,4%	82.1%	78,2%	54,636	93,2%	78.5%
80-84				-	-	-		75	-	-
Count of AA	1		11	12	12	12	6	6	1	72
Average of Benefit	408.4	-	-		-		2009.39			
Average of Study 2 Benfit	408.4		296.92			THE RESERVE AND ADDRESS OF THE PARTY OF THE	2009-39	-		The second second second
Average of Percent	100.0	200.0%	100.0%	100.0%	99.1%	100.0%	100 0%	100.0%	100.056	99.0%
85+										
Count of AA	7	The second second	4	3	10	7	2	5	3	105
Average of Benefit		1 1064.49			1260.55	100		1081.22		
Average of Study 2 Benfit	392.5	1 1064.49	451,65	875.35	1260.55	1015.70	832.06	1081.22		
Average of Percent	100.0	_	100.0%	_	_		100:0%	_	-	
Total Count of AA	8		108	93	88	115	81	28	12	630
Total Average of Benefit	394.1	5 347.52	302.28	629,33	1127.66	2001.01	2104.64	1823.75	1,771,92	1116.83
Total Average of Study 2 Benfit	394.1	5 250.17	268.80	493.67	835.21	1201.06	1384.01	1350.34	1405.39	780.11
Total Average of Percent	100:0	74.3%	88,9%	78.5%	74.1%	60.0%	65.8%	74.0%	79.396	69.8%

Study #3 Orphan Participants

- The following employers didn't pay their EWL and, based on individual asset workup, have \$0 as of 9/30/15 so their participants are "orphaned" and can be reduced the maximum
 - ABC Paving (Employer ID is 1100)
 - Borman Foods/Farmer Jack (1503)
 - E & L Transport (2500)
 - Pyrek Transport Inc. (6400)
 - Thomas Goodfellow (3200)
 - Other bankrupt employers can't count because they had no EWL
- Ryder (7313, 7300, 7104, 7103) didn't pay 10% of EWL but their assets cover participant liabilities so they aren't orphaned

Max Out Orphan Participant Reduction, Repeal Post-Ret Increase, and 1.9% Mult. Ceiling

Keeping post-ret increases didn't help boost multiplier again so we removed it from Study #3



Active Accrued Benefit Impact w/1.9% Multiplier Ceiling

Row Labels Under 25	None		01-04	05-09	10-14	15-19	20-24	25-29	30-34	15-10	-90+	arand Total
			-									
Count of AA		4.00	2									
Average of BENA		2.67										20.6
Average of Study 3 BENA												The second second
Average of Percent		200,000	LOG IT'S									10000
25-20			14.0									
Count of AA			15									- 41
Average of RENA			34.41									94.4
Average of Study 5 BRNA			54.41									34.4
Average of Percent			200.0%									300.0
30-34			-									
Count of AA			34		400 40							1.5
Average of BENA			41.93		754.53							89.4
Average of Study 3 BENA			41.93		609.25							79.7
Average of Percent			100.0%		80.2%							89.2
25-29												
COURT OF AA		. 3.		and her	And he	2000						11
Average of BENA		C1: IBD			607,59	1104.59						326.3
Average of study a sexua		13.80	_	205.99	488.14	798.97						268.4
Average of Percent		atm.ch.	100 ms	100.00	W3-0W	72.3%						82.3
40 44												
Count of AA			2		3							
Average of BENA			100.65			1513-46						656-6
Average of Study 3 BENA		_	100.65		446.88	1009.07						6526.4
Average of Percent		1000	300,0%		51,4%	70,6%						73.2
45-49												
Count of AA		1	3	1.	2	5	5					1.
Average of BENA		4.32		222.72	673.72		-					800.5
Average of Study 3 BENA		4,32		222.72	577,29	792.21	891.45					596.1
Average of Percent		E00.0%	100.05	100.0%	85.7%	72.5%	69,6%					72.2
50-54												
Count of AA			3		- 8		2	2	4			11
Average of BENA			80.76		791.56	904.28	1828-16	2571.77	2336.81			3444.5
Average of Study 3 BENA			80.76		624.11	688-76	1188.76	3643,33	1494.69			963.7
Average of Persent.			100.0%		76,879	76.2%	85.0%	93.9%	64.0%			66.7
55-59												
Count of AA			5		5	4.	3	5	2			24
Average of BENA			64.20		735,84	1477.63	1625.62	2165.26	3679.31			1415.3
Average of Study 3 BENA			64.26		620.43	1025.13	1244.90	1410.87	3412.56			962.0
Average of Percent			100.0%		83.0%	60,4%	60,25	65.2%	62,25			66.05
60-64												
Count of AA			2	2	146	2:	- 2	1	2	-4	4	.21
Average of RENA			93,40	280.67	473.29	1931.09	2205.22	1510.94	2760.28	1937.61	1799.30	19587
Average of Study & BENA			81.40	380.67	326-45	1361.39	1511-02	999.31	1750,59	1259-18	1150.38	928.7
Average of Percent			100.0%	200,0%	276-5/16	200,576	103.006	66.5%	99.4%	64.9%	64.7%	67.4
sitre												
Count of AA					2							-
Average of BENA					1185.63							1189.8
Average of Study 3 BENA					888.86							888-8
Average of Director					74,9%							74.9
Total Count of AA		5	168	- 6	23	18	1.2			а	3.	3.35
Total Average of BENA		2.08	52.02	233,67	691.24	1378.67	1678.98	2185.31	2828.33	1937.61	1798.30	800.5
Total Average of Study 3 BENA		2.08		233.67	557.07	978.75			1788.13			599.8
Total Average of Percent	y		100,0%		90.6%	71.0%	67,556	64.0%		64,9%	64.7%	69.7

Non-Orphan Inactive Vested Benefit Impact w/1.9% Mult. Ceiling

Count of AA Average of Study 3 BENFIT Average of Percent 35-39 Count of AA Average of BENFIT Average of BENFIT Average of Percent 40-44 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT		266.1 266.1 290.0	1 201.0 2 198.0 3 98.6 9 10 9 331.0 14 296.0 8 89.6	13 13 13 13 13 13						,	273.60 250.22 91.5%
Average of Study 3 BENFIT Average of Percent 35-39 Count of AA Average of BENFIT Average of BENFIT Average of Percent 40-44 Count of AA, Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 49-49 Count of AA Average of Study 3 BENFIT Average of Percent 55-58 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Percent		266.1 266.1 290.0	2 201. 2 198. 3 98. 9 1 19 331. 14 296.	08 93 96 13 513.	59					,	273.60 250.22
Average of Study 3 BENFIT Average of Percent 35-39 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 40-44 Count of AA Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-58 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Percent		354.1 84.6 266.1 210.1 79.0	2 198.0 98.0 9 1 19 331.0 14 296.0	13 13 13 13 13 13	59					(8)	250.22
Average of Percent 35-39 Count of AA Average of BENFIT Average of Percent 40-44 Count of AA, Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 49-49 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of BENFIT Average of BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent		266.1 210.1 79.0	98.0	U 13 513.	59					-	The second second second
Count of AA. Average of BENFIT Average of BENFIT Average of BENFIT Average of BENFIT Average of Study 3 BENFIT Average of Percent SU-54 Count of AA Average of Study 3 BENFIT Average of Percent SS-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent		266.8 210.1 79.0	9 1 19 331 14 296.	9 513.	59					1	90.5%
Count of AA Average of BENFIT Average of Dercent 40-44 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Dercent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent		266.8 210.0 79.0	9 331. 14 296.	13 513.	59						
Average of BENFIT Average of Percent 40-44 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 45-49 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent		266.8 210.0 79.0	9 331. 14 296.	13 513.	59						
Average of Study 3 BENFIT Average of BENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of Study 3 BENFIT Average of Percent		79.0	4 296.								22
Average of Percent 40-44 Count of AA, Average of SENFIT Average of Study 3 BENFIT Average of Percent 4y-49 Count of AA Average of SENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent		79.0		2 471							329.87
Count of AA, Average of SENFIT Average of Study 3 BENFIT Average of Percent 4)-49 Count of AA Average of SENFIT Average of SENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT		1	89,6		mo.						285.56
Count of AA, Average of BENFIT Average of Study 3 BENFIT Average of Percent 49-49 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of Percent 60-64 Count of AA Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent		1,100		96 91.5	176						86.6%
Average of SENFIT Average of Study 3 SENFIT Average of Percent 49-49 Count of AA Average of SENFIT Average of Study 3 SENFIT Average of Decrent 50-54 Count of AA Average of SENFIT Average of Percent 60-64 Count of AA Average of Study 3 SENFIT Average of SENFIT		1,100									
Average of Study 3 BENFIT Average of Percent 49-49 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of DENFIT Average of DENFIT Average of Study 3 BENFIT Average of Percent SS-59 Count of AA Average of Percent SS-59 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent GO-64 Count of AA Average of Percent GO-64 Count of AA Average of Study 3 BENFIT Average of Percent			0	5	5						21
Average of Percent 49-49 Count of AA Average of SENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of Study 3 BENFIT Average of Percent 55-58 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 65-64 Count of AA Count of AA Count of AA		333.7	8 555	8 794	62						506.85
Count of AA Average of SENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent		241.5	7 415.	584	73						373.03
Count of AA Average of SENFIT Average of Study 3 BENFIT Average of Percent S0-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent S5-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Percent		72.5	% 74.8	% 73.4	196						73.6%
Average of SENFIT Average of Study 3 BENFIT Average of Percent 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 654 Count of AA											
Average of Study 3 BENFIT Average of Decrems 50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 654 Count of AA		2	2	0 1	4	4	. 2				60
Average of Percent 50-54 Count of AA Average of Study 3-BENFIT Average of Percent SS-59 Count of AA Average of BENFIT Average of Study 3-BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of BENFIT Average of Study 3-BENFIT Average of Study 3-BENFIT Average of Study 3-BENFIT Average of Percent 654 Count of AA		315.4	6 599.	0 933,	21 10	099.10	856.12				624,48
50-54 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent SS-58 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent		228.9	6 449.	3 647.	35 8	801.34	785.33				456.83
Count of AA Average of Study 3 BENFIT Average of Percent SS-58 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA		72.6	% 73.0	96 60.4	196	77.9%	91.7%				73.2%
Average of BENFIT Average of Study 3 BENFIT Average of Percent SS-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent											
Average of Study 3 BENFIT Average of Percent 55-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Study 3 BENFIT Average of Percent 654 Count of AA		1 2	2	2	8	.6	1	1			62
Average of Percent SS-59 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA	243.	03 294.9	2 432.0	00 634.	75 10	034.98	1053.26	1194.52			491.39
Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA	157.	30 235.7	3 346.	5 516	33 7	751.02	952.80	1160.09			386.37
Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA	64.7	79.9	% 80.2	% 81	3%	72.6%	90.5%	72.8%			78.6%
Average of BENFIT Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA											
Average of Study 3 BENFIT Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA		2	3 3	6	7	4	5	2	1		80
Average of Percent 60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA		333.0	8 423.	2 854	04 7	738.43	954.38	1191.88	1543.72		515.02
60-64 Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 654 Count of AA		228.0	7 326.	3 626.	49 3	512.97	814.12	1043.51	1367.76		393.29
Count of AA Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA		68.7	N 77.1	% 73.4	196	69,5%	85.3%	87,6%	89,9%		76.4%
Average of BENFIT Average of Study 3 BENFIT Average of Percent 65+ Count of AA											
Average of Study 3 BENFIT Average of Percent 65+ Count of AA		1	1 4	0 1	4	9	1	1.	1	1	85
Average of Percent 65+ Count of AA		260.6	6 296.1	14 549.	17 12	215.92	879.32	1810.67	1545.30	1778.18	484.77
Count of AA		220.5	3 247.	1 440	43 8	877.09	802.58	1297.73	1392.90	1589-51	388.23
Count of AA		354.43	% 113.4	% .00.7	296	72.0%	91.3%	71.7%	20,1%	89.4%	BD 196
Average of BENFIT 357.	1		5 1	1	6	1		2		- 1	30
	70	321.7	2 219.	9 611	13 3	336.97		2810.60		1602.89	541.95
Average of Study 3 BENFIT 357.	70	248.7	3 200.	3 541	06 5	336.97		1663.95		1454.73	425.63
Average of Percent 100.0		77.5	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	description of the last		00.0%		59.2%		90.8%	78.5%
	_	1 11			7	24	9	6	2	2	363
Total Average of BENFIT 357.	202	03 305.5	8 391.	8 719	23 10	036.13	935.18	1901.69	1544.54	1690.54	510.53
	FU 245.	10 210.7			-	749.76		3.70	1190.11		195.21
	N	96 75.6	A SHAREST PARTY OF THE PARTY OF	ALCOHOL: NAME OF TAXABLE PARTY.		72,4%	87.996	69.0%	90.0%	90.0%	77.4%

Orphan Inactive Vested Benefit Impact w/110% PBGC Guar. At Age 60

Row Labels	01-04		05-09	10-14	15-19	20-24	25-29	Grand Total
45-49								
Count of AA				2	1			3
Average of BENFIT				1152.03	1712.68			1338.91
Average of Study 3 BENFIT				427,66	599.71			485.01
Average of Percent				37,196	35.0%			36.2%
50-54								
Count of AA			1	3		2	1	7
Average of BENFIT			1081.67	1642.69		2734.29	2940.24	2059.79
Average of Study 3 BENFIT			285.11	501.40		855.32	1061.78	651.67
Average of Percent			26.4%	30,5%		31.3%	36.1%	31.6%
55-59								
Count of AA		1	1	1		3		6
Average of BENFIT		225.07	141.77	1464.81		2636.89		1623.72
Average of Study 3 BENFIT		157.30	141.16	363.76		858.60		539.67
Average of Percent		69.9%	99.6%	24.8%		32.6%		33.2%
60-64								
Count of AA			2					2
Average of BENFIT			945.78					945.78
Average of Study 3 BENFIT			304.77					304.77
Average of Percent			32.2%					32.2%
65+								
Count of AA					1			1
Average of BENFIT					596.31			596.31
Average of Study 3 BENFIT					547.92			547.92
Average of Percent					91.996			91.9%
Total Count of AA		1	4	6	2	5	1	19
Total Average of BENFIT		225.07	778.75	1449.49	1154.50	2675.85	2940.24	1613.97
Total Average of Study 3 BENFIT		157.30	258.95	453.88	573.82	857.29	1061.78	548.01
Total Average of Percent		69.9%	33.3%	31.3%	49,7%	32.0%	36.1%	34.0%

Non-Orphan In Pay Status Impact on Benefit w/1.9% Mult. Ceiling

Row Labels	None	05-00	10-14	15-19	20-24	25-29	30-34	15-19	40+	Grand Total
50-54										
Count of AA			1.		1					3
Average of Benefit			335,10	6.	386.71					452.41
Average of Study 3 Benfit			315.99		528.04					422.02
Average of Percent			93,550		92.2%					93.3%
55-50										
Count of AA		2	7		2	- 2	3	-A		28
Average of Benefit		148.49	279,89	516.68	512.19	2158.88	1714.40	1665,10		1133.80
Average of Study 3 Benfit		139.90	248.02	460.43	491.37	1296.71	1046.57	1254.59		771.90
Average of Percent		94.2%	88.6%	89.1%	95.9%	60.1%	61.076	75,3%		68.19
60-64								-		
Count of AA		5	- 9	12	9	13-		2	1	60
Average of Benefit		313.02	296.12	569.48	1718.14	1875.23	2039.88	643.62	1615.24	1220.56
Average of Study 3 Benfit		245.58	279.08	423.27	1056-17	1179.50	1321.46	635.35	1457.35	811.30
Average of Percent		78.5%	94.2%		61.3%	and the second	64.090	28.7%	90.2%	56,3%
triv-triv				-						
Count of AA			27	17	15	26	1.5	1.4	3	115
Average of Benefit		512.11	240.45		932.27	2250.29		1898.27	2360.50	
Average of Study 3 Benfit		225.47			100	1441.20	4-7-0-1	A		
Average of Percent		72.2%	THE RESERVE OF THE PERSON NAMED IN		The second second	THE RESERVE THE PARTY OF THE PA	07.9%	72.7%	70.5%	The second secon
70.74			-				-		10.00	-
Count of AA		- 4	26	19	16	7	3.0	d	3	97
Average of Benefit		411.04	753			1565.99		2271.78	A	
Average of Study 3 Benfit		274.73	2000				1283.11			
Average of Percent		66.8%	87-5%	and the second second	80.3%		64.4%	65.1%	75.2%	Section (Ex
75-79		100-101-00	- States	1,5,000	000,000	DEDICE TO	She can co	GROUP IN	Caristina	14020
Count of AA		2	17	18	14	15	15	3	1	85
Average of Benefit		412.45			The second second	1063.05	and the state of t			
Average of Study 3 Benfit		246.14			915.09		1369.35			
Average of Percent		59,7%	And the last of th		86,8%	84.0%	81.1%	62.0%		61.2%
80-84		33,178	331/20	04.470	00,010	Det (C) to	-01,170	04.0%	231270	OLIZM.
Count of AA	10	2	- 11	12	12	12		- 5	1	71
	408.4			and the second		and the same of the same	- C. C. C. C.	the second second second		1-7-
Average of Benefit	100000	-	-		-	1029.86				
Average of Study 3 Benfit	408.4					1029.68	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	The same of the same of		The second second second
Average of Percent	100.05	to approxima	100.0%	100.0%	28.476	100.0%	100 17%	TOUR USE	200,056	99.9%
85+	-		-	-	2.5	-	-	-	-	200
Count of AA	70	and the best of the	4	3	10	7	2	5	3	105
Average of Benefit		1 1064.49				1015.70		1081.22		
Average of Study 3 Benfit	392.9	Name and Address of the Owner, where	NAME AND ADDRESS OF THE OWNER, WHEN	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	-	1015.70	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	1081.22	-	-
Average of Percent	100.05		100.0%	_	-	- ALCOHOLD II	100.0%	SANCHUR CO.	-	
Total Count of AA	80		102	84	79	89	67	26	12	563
Total Average of Benefit	394.8	77777				1672.18		1777		
Total Average of Study 1 Denfit	-		And in contrast of the last			1180.34		A 10 TO 10 T		
Total Average of Percent	100:09	77.3%	92,4%	85.4%	82.1%	20.6%	72,296	76.5%	81.296	77.89

Orphan In Pay Status Impact on Benefit w/110% of PBGC Guarantee

Row Labels	05-09		10-14	15-19	20-24	25-29	30-34	35-39	Grand Total
50-54									
Count of AA			1						1
Average of Benefit			326.99						326.99
Average of Study 3 Benfit			310.60						310.60
Average of Percent			95.0%						95,0%
55-59									
Count of AA			1	2	2	6	1		12
Average of Benefit			143.08	1336.03	2781.14	2515.80	250.63		1976.91
Average of Study 3 Benfit			143.08	707.85	893.19	816.11	250.63		707.70
Average of Percent			100.0%	53.0%	12.1%	32,4%	100.0%		35.8%
60-64									
Count of AA			2	2	3	6	2		15
Average of Benefit			1438.35	1768,34	2343,73	3340.76	3325.72		2676.04
Average of Study 3 Benfit			408.21	722.60	707.84	1068.33	1165.01		875.01
Average of Percent			28:4%	40.9%	30.2%	32,0%	35.0%		32.7%
65-69									
Count of AA			1	2	1	9.	2	1	16
Average of Benefit			171.52	614.51	787.14	3336.51	3986.55	2012.54	2637.62
Average of Study 3 Benfit			171.52	485.91	712.92	1008.85	1233.83	1376.38	923.74
Average of Percent			100.0%	79.1%	90.6%	30.2%	30.9%	68,4%	35.0%
70-74									
Count of AA		1	1	1	2	5	4		14
Average of Benefit		214.51	601.93	1539.54	2772.82	3224.75	2895.40		2543.36
Average of Study 3 Benfit		176.96	501.39	707.85	806.17	1040.15	1233.83		938.18
Average of Percent		82.5%	83.3%	46.0%	29.1%	32,396	42.6%	1	36.9%
75-79		77.77							
Count of AA				2	1		5		8
Average of Benefit				3130.49	592.79		2263.06		2271.14
Average of Study 3 Benfit				2043.73	571.02		1676.59		1530.18
Average of Percent				65.3%	96.3%		74.1%		71.8%
80-84									
Count of AA								1	1
Average of Benefit								1831.03	1831.03
Average of Study 3 Benfit								1831.03	1831,03
Average of Percent								100.0%	100.0%
Total Count of AA		1		9	a	26	14	2	67
Total Average of Benefit		214.51	686.70	1693.14	2168.78	3126.60	2698.01	1921.79	2417.90
Total Average of Study 3 Benfit	t	176.96	323.84	958.67	756.24	984.12	1311.90	1603.71	965.90
Total Average of Percent		82.5%	47.2%	56.6%	34.9%	31.5%	48.0%	83.4%	19.9%

Next Steps - Solution

- Any further tweaks to proposed solution?
 - Central States has a maximum reduction on terminated vested participants, arguing actives might otherwise reject proposal
 - Terminated vested max reduction should consider
 - Length of service
 - Extend to terminated vested now in pay status?
 - Return to work requirement needed for term vested to be treated as active?
- Data improvements
 - Pre-1/1/88 terminations
 - They are not reduced in any of these studies because data unavailable
 - They are a small part of liabilities, so changes shouldn't be significant
 - We must perform an open group projection on final solution to include new entrants, which may have slight impact on the solution

Next Steps - Timing

- IRS Submission
 - Have three month windows of time for cash flow projections
 - Can file before final regulations but may need to revise accordingly
 - Additional work to be done for submission
 - Draft notice including estimated impact to each participant is due within 4 business days prior to submission
 - Draft a ballot for the vote
 - Various other pieces of information required by Rev. Proc. 2015-34
 - Must be no later than 9/30/16 with a 7/1/17 effective date
- After IRS Submission up to 225-day wait for approval
 - Hold membership meetings to explain suspension and voting
 - Line up third party to carry out voting
 - Voting must be within 30 days of IRS approval!

Basis for Study General Assumptions

- This study is based on 2015 valuation with these exceptions:
 - The assets are based on the 6/30/15 unaudited financial statements
 - We assumed a -1.18% return for the 2015-16 year based on 9/30/15 unaudited financials and 6.75% per annum return for last 9 months
 - We assumed a 6.75% annual return through the 2024-25 plan year
 - We assumed 5,962 future annual weeks starting in 2015-16 year
 - Future contributions in projections include all reasonably collectible contributions developed with the 6/30/15 EWL report

Basis for Study Benefit Assumptions

- We made the following benefit assumptions for the study
 - All suspensions are effective as of July 1, 2017.
 - Pre-1/1/1988 terminations, who have a credit formula, are assumed to have an equivalent multiplier under 1.6% and were not reduced.
 - A terminated participant's multiplier was determined using his or her reported date of termination.
 - For determining a beneficiary's reduction, we assumed the retiree's benefit was the beneficiary's benefit divided by the J&S percentage.

Actuarial Basis

This report includes results which are based on plan provisions, assumptions, methods and demographic data described in the July 1, 2015 actuarial valuation of the International Association of Machinists Motor City Pension Fund except as previously noted. This report is subject to the same qualifications and limitations as detailed in that report.

I am a Member of the Academy of Actuaries and fully meet the qualification requirements of the Academy to provide the opinion contained herein.

Redacted by the U.S. Department of the Treasury

Paul Bullock, ASA, EA, MAAA

International Association of Machinists Motor City Pension Fund

March 4, 2016 Board of Trustees' Meeting

Additional Benefit Suspension Study Special Handling of Inactive Vested Participants

Paul Bullock-United Actuarial Services, Inc.



Critical and Declining Status Recap on Benefit Suspensions

- Key additional tool becomes available in the deep red zone
 - Benefits already earned <u>can</u> be suspended
 - This includes benefits already in pay status
 - Idea is to take a lesser reduction now to avoid a greater reduction, down to the PBGC guarantee, when plan becomes insolvent
- Actuarial conditions of benefit suspension
 - The Plan would eliminate its projected insolvency with the benefit suspension levels contemplated
 - In years after suspension, document that
 - · the Plan would project an insolvency without continued suspensions, and
 - all reasonable measures continue to be taken

Benefit Suspension Recap on General Conditions

- Suspensions cannot be lower than 110% of PBGC guarantee
- No suspensions for
 - Disabled participants
 - Participants over age 80 with phase-out beginning at age 75
- Suspensions can't materially exceed the level necessary to avoid a projected insolvency
- If suspensions are done in conjunction with a partition
 - Suspensions can't take effect prior to the partition effective date
 - Suspensions must be maxed out and more action is still needed to eliminate an insolvency before a partition would be approved

Benefit Suspension Recap of Possibilities Under MPRA

- Any suspension must be equitably distributed
- Factors that may be taken into account include
 - Age and life expectancy
 - Length of time in pay status
 - Amount of benefit
 - Benefit type: early, normal, survivor
 - Extent of subsidized benefit
 - Extent of post-ret increases
 - History of benefit increases and reductions

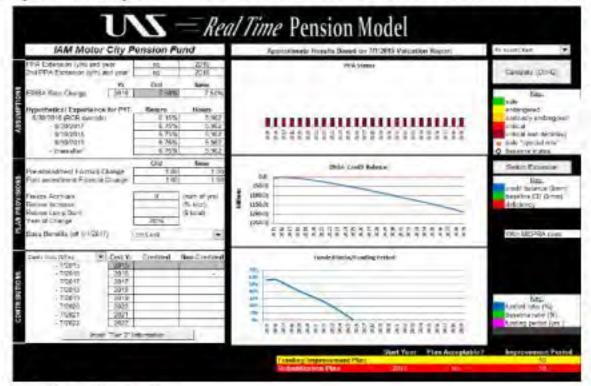
- Years to retirement for actives
- Discrepancies between active and retiree benefits
- Extent actives would withdraw support, which would trigger a drop in weeks and further cuts
- Service earned with withdrawn employers that didn't pay their full withdrawal liability

Benefit Suspension Recap of Funding Conditions

- The proposed regulations released on June 17 outline the funding conditions that must be satisfied after suspension*
 - The solvency ratio must be 1.0+ for extended period of 30+ years
 - Ratio numerator: beg. of yr. assets + inv. inc. + contributions expenses
 - Ratio denominator: expected benefit payments for the year
 - The funded ratio is at least 100% at end of extended period <u>OR</u> the solvency ratio only *increases* in last 5 years of extended period
 - "Goldilocks Rule" The above tests would not be satisfied if the level of reduction per participant was 5% less

Current Outlook Insolvency in 2025-26

The insolvency is still 1 year earlier due to a weak -0.15% return in 2015-16 so far:



Suspension Studies – Round 3

- Our starting point is Study #3, which included:
 - Eliminate all post-retirement increases
 - For participants of employers that didn't pay their full EWL, make the minimum suspension high enough so that the corresponding liability value equals to their employer's unfunded liability
 - After above changes made, lower the past multiplier in 0.1% increments to a new maximum ceiling
 - Study #3 used a 1.9% multiplier ceiling
 - The floor benefit would still be 110% of PBGC premium
 - We assumed pre-1988 termination participants (whose benefits are based on a crediting rate and not a multiplier) will always be below the ceiling multiplier
 - Disabilities/age 80+ participants protected, ages 75-79 participants partly protected
 - All suspensions are assumed to be effective July 1, 2017

Suspension Studies – Round 3 Historical Multipliers

- Multiplier levels subject to reduction
 - Pre-7/1/04 contributions
 - <1.9% multiplier assumed if terminated prior to 1/1/88 (detailed data n/a)</p>
 - 2.9% multiplier if terminated prior to 7/1/91
 - 3.1% multiplier if terminated prior to 7/1/92
 - 3.2% multiplier if terminated prior to 7/1/93
 - 3.3% multiplier if terminated prior to 7/1/94
 - 3.4% multiplier if terminated prior to 7/1/95
 - 3.5% multiplier is otherwise used
 - 7/1/04 to 6/30/06 2.0% multiplier
 - 7/1/06 and later 0.5% multiplier applies on credited contributions

Suspension Studies – Round 3 Orphan Participants

- The following employers didn't pay their EWL and, based on individual asset workup, have \$0 as of 12/30/15 so their participants are "orphaned" and can be reduced the maximum
 - ABC Paving (Employer ID is 1100)
 - Borman Foods/Farmer Jack (1503)
 - E & L Transport (2500)
 - Pyrek Transport Inc. (6400)
 - Thomas Goodfellow (3200)
 - Other bankrupt employers can't count because they had no EWL
- Ryder (7313, 7300, 7104, 7103) didn't pay 10% of EWL but their assets cover participant liabilities so they aren't orphaned

Suspension Studies – Round 3 Study #4

- Study #4 starts with Study #3 plus the following:
 - Leave in post-retirement increases because they provided no savings
 - Maximum reduction (110% of guarantee) for inactive vested who are
 - Orphaned participants of employers noted on previous slide
 - Participants terminated prior to 1/1/1988
 - Use the multiplier ceiling for these inactive vested participants
 - Ryder participants They paid enough EWL to fund their vested liability
 - Edward C. Levy, Bill Wink Chevrolet, and Superior participants All of these employers are current on their EWL payment schedules

Suspension Studies – Round 3 Study #4 (Continued)

- Study #4 starts with Study #3 plus the following:
 - All other inactive vested not included above are reduced as follows
 - 20+ years of service Use the multiplier ceiling
 - More than 15 but less than 20 years of service Prorate between multiplier ceiling and 110% of PBGC guarantee (for example, 80%/20% for 19 years, 60%/40% for 18 years, etc.)
 - 15 or less years of service 110% of PBGC guarantee
 - Inactive vested for all of the above groupings include inactive vested that are now retired and also future inactive vested participants

Suspension Studies – Round 3 Other Changes for Study #4

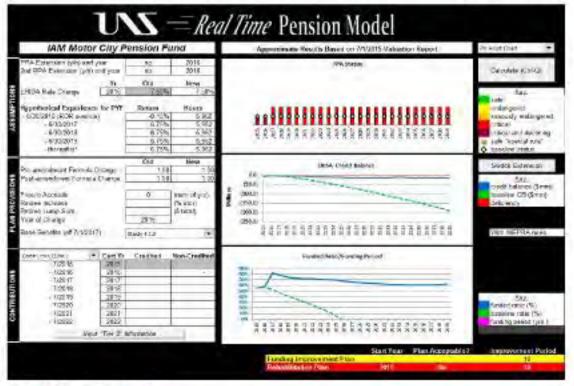
- More benefit tweaks from what we've learned on suspensions
 - Applicability of maximum reduction/110% of PBGC guarantee
 - This benefit floor for actives only applies thru July 1, 2017 effective date
 - Benefits earned after July 1, 2017 use the regular 0.5% multiplier
 - Survivor % w/PBGC guarantee > Joint & 50% or 75% elected form
 - Survivor's guarantee is based on his/her benefit, not participant guarantee
 - Adding 50%/75% factor means that more is guaranteed
 - Assumed retirement age for current inactive vested
 - Lowered from 60 to 52 if getting some or all of the maximum reduction
 - Benefit has much smaller reduction because early retirement reduction offset to a large extent by more of the benefit being under the guarantee

Suspension Studies – Round 3 Other Changes for Study #4

- Example of why age 52 assumed retirement age used
 - Assume a participant has a \$2,160 benefit and 24 years of service
 - Benefit at age 65
 - The 110% guarantee at 65 is \$943.80 (=1.1 x \$35.75 x 24)
 - \$2,160 is \$90 per year of service = \$2,160 / 24 years of service
 - Only \$35.75 of \$90/year guaranteed (100% of 1st \$11 + 75% of next \$33)
 - Benefit at age 52
 - The 110% guarantee at 52 is \$692.74 (=1.1 x \$26.24 x 24)
 - Age 52 benefit is 34.8% of \$2,160 = \$751.68
 - \$751.68 is \$31.32 per year of service = \$751.68 / 24 years of service
 - 100% of 1st \$11.00 + 75% of \$20.32 = \$26.24
 - \$692.74 is 73.4% of \$943.80 or more than double a regular age 52 benefit

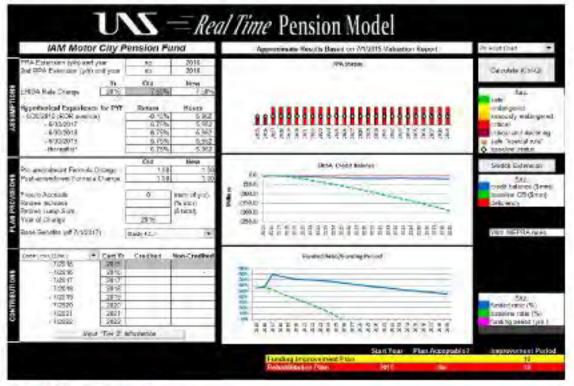
Study #4 Results 2.0% Multiplier Ceiling

Recovery still takes a while; the funded ratio starts increasing 21 years out in 2037.



Study #4 Results 2.1% Multiplier Ceiling

A ceiling of 2.1% also works, but barely. The funded ratio only starts increasing 30 years out.



Study #4 Which Multiplier Ceiling to Use?

- Study #4 uses a 2015-16 return of -0.15% based on 12/31/15 financials and 6 months of return at 6.75% annual rate
 - 2.0% is lowest multiplier that satisfies the Goldilocks Rule and is the recommended solution because it has the best chance of recovery
 - A higher 2.1% multiplier ceiling also works but just barely and comes with almost 10 additional years before the funded ratio starts rising
- Further return updates may affect multiplier ceiling
 - Return must be < 1.35% in order for 2.0% multiplier ceiling to work
 - Return must be < 3.11% in order for 2.1% multiplier ceiling to work
 - A delay from the July 1, 2017 effective date could lower the ceiling

Active Accrued Benefit Impact w/2.0% Multiplier Ceiling

Row Labels	None	01-04	03-09	10-14	15-19	20-24	29-29	30-34	25-227	40+ 0	erand rotal
Moder 25											
Count of AA	1.	- 3									
Average of BENA	5.61	29.56	l-i								20.6
Average of Study 4 BENA	2.67	29.58	-								20.61
Average of Percent	1997.85%	5 (000 OTH									100.05
25-29											
Count of 66		15									18
Average of BENA		50.51									94.41
Average of Study 4 BENA		54.40	i-								34,46
Average of Percent		100.0%									100.05
30-34		_	•								
Count of AA		14		1							15
Average of BENA		41.93		754.53							M16-46-
Average of Study 4 BENA		41.95		625 25							W1.00
Average of Percent		\$400 DW	r.	89.7%							90 m
95-99		-		1000							200.00
Count of AA	2	- 0			1						1.0
Average of BENA	0.86	21.92			7.1						225.21
Average of Study 4 BENA	0.80			311.02							27-6,00
Average of Percent	-	-	200 De	84.25	7-6-195s						84.27
40 44	-	- AUDICAL SER	4000	Maria Maria							
Count of AA		- 4		78	- 6						4.00
		2									12
Average of BENA	1.92				1510.46						856.00
Average of Study 4 BENA	1.83			AND DESCRIPTION OF THE PARTY OF	1109.34						GHR DO
Average of Percent	208.31	5,000,000	6	HALMEN .	73.4%						75.77
45-49											
Count of AA				3	15	5					7.7
Average of BENA	4.92		-		3095.44						800.55
Average of Study 4 BENA	4.52			593.73	620.79						606.47
Average of Percent	99.95	100000	3.00 tm	88.15	75.3%	72 300					75.85
90-94											
Count of AA		- 31			4.	2	2	- 4			15
Average of BENA		80.76		792.56	904.28	1828.16	2572.77	2336.81			1444 57
Average of Study 4 BENA		60.75		645.74	711.94	1230.55	E212 B3	1558.55			3-0411-55
Average of Percent		2083/054		01.00	70.7%	67.7%	66:60	66.7%			69.35
55-59											
Count of AA		- 4		5.	-4	. 3	- 16	4.			34
Average of BUNA		54.29		705 BA	3477.63	1025.62	\$105.38	5879.31			1415.5
Average of Study 4 BENA		64.39		807.67	345mm. 2.7	3292.46	1469.51	2520:04			9999.30
Average of Percent		arrigions		83.2%	7.8 376	70.6%	67.0%	SETS CONG			70 97
no-na											
Court of AA		- 2	2	- 4	- 7	2		2	41	- 1	20
Average of BENA		31.40	260.67	475.29	1931.09	2505.22	1510.94	2760.36	1957.61	1296.50	1978.50
Average of Study 4 BENA		51.40		307.96		1575.24	1059.21			1212.48	964.95
Average of Percent		\$100 cm	Upo Da	90 Q80	72.3%	00.29	00.00	66.2%	07.000	467,0000	310.09
tide e							-		45.54		-
Count of AA				- 2							- 2
Average of BENA				1185.83							6185.61
Average of Study 4 BENA				919.61							919.6
Average of Percent				27/6%							77.68
total count of AA	56	-	16	23	4.00	1.0	in in	16.	4	-	
Total Average of BENA		49	100000000000000000000000000000000000000		3.81		2189.11		100000000000000000000000000000000000000		330
	37,009				1078.67			200	THEFT.	1794.00	MHO.31
Total Average of Study 4 BENA	2.09	the same of the sa					1476.43		1810.00	1313.48	621.66
Total Average of Percent	98.95	200,000	300 are	83.0%	73.6%	70.TM	67.6%	66.0%	67.6%	607.000	72.3%

Inactive Vested Benefit Impact w/2.0% Mult. Ceiling at Age 60 for Only Ryder Participants and Employers Current on EWL

Row Labels	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
30-34									
Count of AA		2							2
Average of BENEIT		201.08							201.08
Average of Study 4 BENEIT		198.23							198.23
Average of Percent		98,6%							56,6%
35-39									
Count of AA	5	9	3						17
Average of BENFIT	204.04	296.40	513.59						307.56
Average of Study 4 BENFIT	107.03	273.71	471.86						277.30
Average of Percent	81.19%	the same of the sa	91.9%						90.2%
40-44	- Same		NAME OF TAXABLE PARTY.						
Count of AA	E.	4	3						3.5
Average of BENFIT	244.25		546.79						300.99
Average of Study 4 BENFIT	193.53	223.54	449,36						252.70
Average of Percent	79,2%	97.8%	81.9%						84.0%
45-49	1312.00	35,440	681220						04,000
Count of AA	15.	11	- 11	- 1	- 2				22
Average of BENFIT	242.51	472.64	797.54	732.84	856.12				556.28
Average of Study 4 BENFIT	190.19	373.98	584.83	668.87	785.33				433,57
Average of Percent	78,4%	The second second second	73.3%	91.3%	91.7%				77.9%
GO-SA	7,01479	73,170	13,376	24,230	3416.65				1.5.20
Count of AA	7	13	5	2	1	1			29
Average of BENFIT	218.29	294.60	454.15		1534.79				407.55
Average of Study 4 BENFIT	179.38	274.70	426.05	498.17					350.87
Average of Percent	52,296	33.2%	93.6%	23.2%	69.2%	72.896			86.1%
55-59	22.270	2277226	30.0%	33.379	607.276	72.000			80.476
Count of AA	8	13	2	1	3	2	1		30
	1.5	The Part of the Pa	761.50	Table 1 Table	- 4 - 5 - 6 - 7	The second second			
Average of BENFIT	196.92	287.56		336.96		1191.88			446.40
Average of Study 4 BENFIT	163.19	252.21	574.70	336.96	707.64				300.94
Average of Percent	82.996	87.7%	75.5%	100.0%	92.7%	87.6%	39.3%	1	87.1%
60-64	- 0							-	
Count of AA	2	4		4	1		2	1	13
Average of BENFIT	248.37			1076.10	879.32			1778.18	812.31
Average of Study 4 BENFIT	216.42			549.57	802.58		Annual Section and Association in Contract Contr	1589.51	684.11
Average of Percent	87.1%	82.0%		79.0%	91.3%		90.1%	89.4%	84.236
65+									
Count of AA				1				1	2
Average of BENFIT				336.97				1602.89	969.93
Average of Study 4 BENFIT				336.97				1454.73	895.85
Average of Percent				200,0%				90.8%	92.4%
Total Count of AA	38	56	24	9	7	3	2	2	141
Total Average of BENFIT	224.06		656.41	752.47	916.75				469.60
Total Average of Study 4 BENFIT	181.55		510.85	637.63	793.99	1082,37	1190.11	1522.12	195,10
Total Average of Percent	81.0%	87.4%	79.2%	84.7%	86.6%	81.6%	90.0%	90.0%	84.2%
United Actuarial Serv	ices le	10							

Inactive Vested Benefit Impact w/2.0% Mult. Ceiling at 60 (20+ Yrs), 110% PBGC Guar. at 52 (≤15 Yrs Svc) or Blend at 52 (16-19 Yrs Svc)

Row Labels	None	01-04	05-09	10-14	15-19	20-24	25.29	30-34	Grand Total
30-34									
Count of AA			1						1
Average of BENFIT			218.53						218.53
Average of Study 4 BENFIT			200.71						200.71
Average of Percent			91.8%						91.656
35-39									
Count of AA			3	1					-4
Average of BENFIT			209.39	337.55					241.43
Average of Study 4 BENFIT			192.41	317.61					223.76
Average of Percent			91.9%	34,2%					92.7%
40-44									
Count of AA			2	1	2				5
Average of BENFIT			361.17	249.68	607.28				437.33
Average of Study 4 BENFIT			250.71	235,48	590.76				359.69
Average of Percent			69,4%	94.3%	87,4%				82.2%
45-49									
Count of AA			12	- 85	3	3			26
Average of BENFIT			179.85	304.26	746.79	1221.18			403.70
Average of Study 4 BENFIT			138.96	271.12	519.87	845.49			305.09
Average of Percent			77.394	199.296	69.6%	69.2%			75.6%
50-54									
Count of AA		2	15	9.	3	4	1.		33
Average of BENFIT		126.86	155.40	314.41	488.52	1287.21	1053.16		392.58
Average of Study 4 BENFIT		116.76	135.13	278.65	433.91	877.44	952.80		315.63
Average of Percent		92.0%	87.0%	88.6%	88.8%	68.296	90.5%		80.4%
55-59									
Count of AA			16	21	5	3	2		47
Average of BENFIT			255.97	324.19	658.15	757.71	1240.50		403.16
Average of Study 4 BENFIT			172,32	272.00	436.73	571.64	973.85		304.58
Average of Percent			67.3%	83,996	66.4%	75.4%	78.5%		75.5%
60-64					and a second				
Count of AA			16	30	1.4	5		1	66
Average of BENFIT			250.76	264.58	535.29	1333.18		1810.67	423.03
Average of Study 4 BENFIT			205.78	208.28	429.48	925.37		1297.73	325.43
Average of Percent			82.1%	78.7%	80.2%	69,4%		71.7%	76,9%
65+						-			
Count of AA	1		2	12	- 5			2	25
Average of BENFIT	357.70		321.12	1000				2810.60	
Average of Study 4 BENFIT	357,70		211.90	190.76	-			1744.92	376.09
Average of Percent	100.056		66.0%	89,676	84.0%			62.1%	73,7%
Total Count of AA	1		70	82	32	15	2	3	207
Total Average of BENFIT	357.70			282.33		The State of	1178.05	2477.29	417.00
Total Average of Study 4 BENFIT	357.70		The second second	237.56	200	825.86	966.83	1595.86	320.96
Total Average of Percent	100.0%	Committee of the Party of the P		84.1%	78, 176	69.8%	82.1%	64.476	76.826
roun sixtings of restaur	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	- Participal	5,000,000,000	Series 26.750	4 641 9 195	62,000	OWNER THE	Charles and	4 441/01/0

Inactive Vested Benefit Impact w/110% PBGC Guarantee at Age 52 for Orphan or Pre-1/1/1988 Termination Participants

	<u>.</u>				.L
	113 63	1			14 5 5
	20.00	ı			an 44
	. 97.1%				97296
		<u> </u>			.L
		3017.75			10012-25
		530.83			ราก ยา
		: ::::::::::::::::::::::::::::::::::::			10 10 10 35224%
		2	1		45
		2.20 3.7	981+3 (C) j		3401, 360
		40.00 67	500 73		507 30
		60.27%	67.8%		67.6%
		2		_ ∠	
	441 31	455 AB		1477.20	MOD 27 (27)
	240 87	19877 178		15,550 (3),2	1407.00 (418)
	54.796	· · · · · · · · · · · · · · · · · · ·		1.0559.7290	· · · · · · · · · · · · · · · · · · ·
i		5		خ	
Ersen 1900	2 (7 0)0	Contract (E.)		10.20.80	43.8%
9,879,000	\$1255, 2007	314 87		18590-000	452.35
N7.1196	77.78%	47.396		53.49%	54.0%
		U			8
	911 7 99	\$ 15 Oct			478 20
	20140 77	r inganon asin			10.3 410
	复数流物	93.0%			6-9.0 <i>1</i> 96
		45	- 2		.1
		5564 pt 1214	2017/11/201		0.17.37
		242 07	50,000 100		1935 13
		94.5%	62.7%		2-9, 154
3	7	18	3	5	34
100.10	463.:La	570.82	843.50	1573.44	708.25
149.13	224.64	374.36	569, 14	857.29	423.54
1145.249%	NO.5%	A5.3%	6.7.5%	34.5%	600.0096
	\$100.10 100.11 100.10 100.10	2 42A) 2A A A A A A A A A A A A A A A A A A A	10 8 8 9 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10.3 (4) 10.4 (4) 1

In Pay Status Impact on Benefit w/2.0% Mult. Ceiling for Active Retirements and Inactive Vested of Employers Paying EWL

Row Labels	None	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
50-54			147							
Count of AA			2		1					3
Average of Benefit			332.55		566.71					410.50
Average of Study 4 Benfit			313.30		528.04					384,88
Average of Percent			94,2%		93.2%					92.79
55-59										
Count of AA		1,	3		2	9	4	-4		24
Average of Benefit		199.96	101.73	588.46			1348.46			1267.93
Average of Study 4 Benfit		183.12	The second second	534.64	Married Street, Square, Square	1168.80	883,24	1277,34		881.97
Average of Percent		91.0%	100.0%	90,9%	95,9%	04.756	60.0%	70.7%		09.076
60-64										
Count of AA		2	4	2	10	14	п		1	42
Average of Benefit		158.00	504.64	\$10.66	1570.90	1903.50	2039.88		1615.24	1350.05
Average of Study 4 Benfit		150.28	284.21	565.06	1014.54	1264.65	1366.91		1457.35	1032.76
Average of Percent		95.1%	93.3%	69.7%	54.6%	64.4%	67.0%		90.2%	66.6%
65-69										
Count of AA			B	10		24	3.5	a.	3	76
Average of Benefit		268.41	177.62	270.49	1654.92	2282.84	2422.16	1898.27	2360.50	1642.42
Average of Study 4 Benfit		221.03	170.13	334.12	1053.24	1578.12	1710.24	1400.21	1708.02	1138,34
Average of Percent		82.4%	35.2%	90,296	62.4%	pp. 2%	70.6%	73.8%	72.4%	6913%
70-74										
Count of AA		3	6	6	- 4	7	18	4	3	51
Average of Benefit		524.94	548.02	905.07	798.64	1005.99	1991.05	2271.78	2156.42	1500.88
Average of Study 4 Benfit		255.56	412.21	599.57	634.04	1165.66	1212.65	1502.12	1627.59	1026.96
Average of Percent		67.7%	75.2%	65.296	79.4%	70.0%	66,0%	66,2%	75.5%	60.4%
75-79			-	30352		-				
Count of AA		2	6	8	9	13	15	3	1	57
Average of Benefit		412.45	465.62	644.63	1345.16	1087.78	1688.98	3701.30	2072.45	1290.07
Average of Study 4 Benfit		256.53	ALC: NO	497.34		7 1 2 7 7		2387.38	1931.40	
Average of Percent		62.2%	91.6%	77.2%	85,6%	83.656	81.7%	64.5%	94.2%	The second secon
90-94		- Section 2	SCHINGS	17.0	- section to	- weight		37.00	200	Tencore in
Count of AA	10	2	4	8	10	11	3	-4	1	33
Average of Benefit	408.45	250.44	524.61	562.26			1945.75		1786.43	855.17
Average of Study 4 Benfit	408.45	290.44	324.61	562.26		100000	L. A. S.	1115.38	1786.43	
Average of Percent	100.0%						100.0%		200,0%	
85+	- AUGUS	ASSOCIATION STREET	acceptor (see	200,000	201610	200,010	AUG/U		- AND THE PERSON NAMED IN	20,000
Count of AA	70	1	-4	2	9	7	2	4	2	102
Average of Benefit	392.91				1320.18		7.7.	1000	745.04	and the second second
Average of Study 4 Benfit	392.91		451.65		1320.18		852.00	445.00	748.04	
Average of Percent	100.0%	100.0%				the same of the same of			(00 086	100.0%
The state of the s	80		37	39	51	85	67	23		
Total Count of AA		17	1000		The second second				12	411
Total Average of Benefit	394,85	363.03			1247.29			- 5-5-5-F-F-F-F-F-F-F-F-F-F-F-F-F-F-F-F-	1771.92	
Total Average of Study 4 Benfit	398.85	296.1R	213.91	419.7H			120000000000000000000000000000000000000	1391.17	1451.68	2000000
Jnited Actuarial Ser	vices,	Inc.	90,0%	82.0%	11,4%	72.0%	72,4%	75.2%	81.9%	77.4%

In Pay Status Impact on Benefit Inactive Vested Retirees w/2.0% Mult. Ceiling (20+ Yrs), 110% Guarantee (≤15 Yrs) or Blend (16-19 Yrs)

Row Labels	05-09	10-14	15-19	20-24	25-29	35-39	Grand Total
55-59							
Count of AA	1	4	2				7
Average of Benefit	97.02	413.51	480.80				387.52
Average of Study 4 Benfit	96.68	357.74	423,32				339.18
Average of Percent	99.6%	86.5%	88.0%				87.5%
60-64							
Count of AA	3	5	8		1	1	18
Average of Benefit	416.33	289,31	304.75		634.42	643,62	356.20
Average of Study 4 Benfit	309.12	272.06	288.71		607.34	635.35	324.44
Average of Percent	74.296	94.0%	94.796		95.7%	98.7%	91.196
65-69							
Count of AA	2	19	6	10	2		39
Average of Benefit	443.24	269.36	266.47	658.55	647.74		397.03
Average of Study 4 Benfit	186.79	242.51	255.72	543.30	610.77		337.69
Average of Percent	42.1%	90.0%	96.0%	82.5%	94.3%	,	85.1%
70-74							
Count of AA	1	18	13	9			41
Average of Benefit	69.34	217.73	447.40	449.98			337.92
Average of Study 4 Benfit	69,34	203.83	388.83	418.31			306.29
Average of Percent	100.0%	93.6%	86.9%	93.0%			90.6%
75-79							
Count of AA		11	9	6	2		28
Average of Benefit		171.93	341.82	543,82	902.29		358.40
Average of Study 4 Benfit		159.36	319.34	513.71	837.99		335.19
Average of Percent		92.7%	93.4%	94.5%	92.9%		93.5%
80-84							
Count of AA		7	3.	1	1		12
Average of Benefit		281.13	354.03	280.03	964.37		356.20
Average of Study 4 Benfit		281.09	354,03	280.03	964.37		356.18
Average of Percent		100.0%	100.0%	100.0%	100,0%		100.0%
Total Count of AA	7	64	41	26	6	1	145
Total Average of Benefit	328.83	249.95	364.71	545.32	783.14	643.62	363.95
Total Average of Study 4 Benfit	209,57	231.07	333.70	483.08	744.87	635,35	328.29
Total Average of Percent	63.7%	92.4%	91.5%	88.6%	95.1%	98.7%	90.2%

8.85

 \sim 2

In Pay Status Impact on Benefit w/110% of PBGC Guarantee Orphan or Pre-1/1/1988 Termination Inactive Vested

Row Labels	05-09	10-14	15-19	20-24	25-29	30-34	35-39	Grand Total
55-59								
Count of AA		1	2	2	4			9
Average of Benefit		143.08	1336.03	2781.14	3487.23			2480.70
Average of Study 4 Benfit		143.08	707.85	893.19	963.46			799.89
Average of Percent		100.0%	53.0%	12.1%	27.6%			12.2%
60-64								
Count of AA		2	3	2	6	2		15
Average of Benefit		1438.35	1901.95	3392.72	3340.76	3325.72		2804.27
Average of Study 4 Benfit		408.21	694.74	938.88	1068.33	1165.00		901.23
Average of Percent		28.4%	36.5%	27.7%	52.0%	35,0%		32.1%
65-69								
Count of AA		1.	2	1	9	2	1	16
Average of Benefit		125.00	614.51	787.14	3336.51	3986.55	2012.54	2634.71
Average of Study 4 Benfit		125.00	485.90	712.92	1008.85	1233.82	1376.38	920.84
Average of Percent	14	100.0%	79.1%	90.6%	30.2%	30.9%	68.4%	35.0%
70-74								
Count of AA	1	3	1	4	5	5		19
Average of Benefit	214.51	236.02	1539.54	1644.73	3224.75	2780.60		2056.20
Average of Study 4 Benfit	176.96	222.39	707.85	649.28	1040.15	1377.17		854.51
Average of Percent	82,5%	94.2%	46.0%	39.5%	32.3%	49.5%		41,6%
75-79								
Count of AA			- 4			4		8
Average of Benefit			1865.93			2248.48		2057.20
Average of Study 4 Benfit			1313.61			1608.10		1460.86
Average of Percent			70.4%			71.5%		71.0%
80-84								
Count of AA			1	1		1	2	5
Average of Benefit			527.99	1006.79		2327.67	2048.41	1591.85
Average of Study 4 Benfit			527.99	1006.79		2327.67	2048.41	1591.85
Average of Percent			100.0%	100.0%		100.0%	100.0%	100.0%
85+								
Count of AA				1			1	2
Average of Benefit				723.87			1755.46	1239.67
Average of Study 4 Benfit				723.87			1755.46	1239.67
Average of Percent				100.0%			100.0%	1.00.096
Total Count of AA	1	7	13	11	24	14	4	74
Total Average of Benefit	214.51	550.40	1472.17	1949.49	3339.41	2846.37	1966.20	2331.21
Total Average of Study 4 Benfit	176.96	250.24	843.23	791.35	1022.67	1460.26	1807.16	997.46
Total Average of Percent	82.5%	45.5%	57.3%	40.6%	30.6%	51,3%	91.9%	42.8%

Study #4 – Data Missing

- For participants whose employer is not noted
 - All considered in the grouping where reduction is based on service
 - Includes 89 inactive vested and 205 retired participants
- For missing date of termination
 - Assume 6/30 of latest year with contributions on 138 inactive vested and 88 participants in pay status
 - Use date of retirement for participants in pay status without any contribution history provided for 316 participants in pay status, so all of these participants, unless orphans, aren't considered inactive vested
 - Pre-1/1/1988 terminations were given the maximum reduction

Next Steps - Timing

- Prior to IRS submission on suspensions
 - Coordination with PBGC's initial merger feasibility study
 - We will provide the PBGC with all requested data by week of Feb. 29.
 - They said 6-8 weeks to complete, so should be done by end of April.
 - It may take longer; they took more time than they said to just request data.
 - We need approval of suspension at least 3 months before filing
 - June 30 deadline If we miss this date, then July 1, 2017 effective date not possible and, barring a mid-year effective date, we move out a year.
 - This leaves, at most, 2 months for full merger study.
 - We may only have initial feasibility merger study, but this may be enough to justify a year delay if the initial merger study results are favorable.

Next Steps - Timing

- IRS Submission
 - Have three month windows of time for cash flow projections
 - Can file before final regulations but may need to revise accordingly
 - Additional work to be done for submission
 - Draft notice including estimated impact to each participant is due within 4 business days prior to submission
 - · Draft a ballot for the vote
 - Various other pieces of information required by Rev. Proc. 2015-34
 - Must be no later than 9/30/16 with a 7/1/17 effective date
- After IRS Submission up to 225-day wait for approval
 - Hold membership meetings to explain suspension and voting
 - Line up third party to carry out voting
 - Voting must be within 30 days of IRS approval!

Basis for Study General Assumptions

- This study is based on 2015 valuation with these exceptions:
 - We assumed a -0.15% return for the 2015-16 year based on 12/31/15 unaudited financials and 6.75% per annum return for last 6 months
 - We assumed a 6.75% annual return through the 2024-25 plan year
 - We assumed 5,962 future annual weeks starting in 2015-16 year
 - Future contributions in projections include all reasonably collectible contributions developed with the 6/30/15 EWL report
 - Current inactive vested with all or a portion of their benefit based on the 110% of the PBGC guarantee are assumed to retire at age 52

Basis for Study Benefit Assumptions

- We made the following benefit assumptions for the study
 - All suspensions are effective as of July 1, 2017.
 - A terminated participant's multiplier was determined using his or her reported date of termination. If date of termination missing, the 6/30 of the last year of contributions is used as the date of termination. If that's missing too, assume date of retirement is date of termination.

Actuarial Basis

This report includes results which are based on plan provisions, assumptions, methods and demographic data described in the July 1, 2015 actuarial valuation of the International Association of Machinists Motor City Pension Fund except as previously noted. This report is subject to the same qualifications and limitations as detailed in that report.

I am a Member of the Academy of Actuaries and fully meet the qualification requirements of the Academy to provide the opinion contained herein.

Redacted by the U.S. Department of the Treasury

Paul Bullock, ASA, EA, MAAA



November 8, 2016

Board of Trustees International Association of Machinists Motor City Pension Fund Troy, Michigan

Re: Benefit Suspension Update

Dear Trustees:

We have prepared a few items to aid in our discussion regarding benefit suspensions:

- 1. **Summary of Additional Assumptions with a Benefit Suspension** We have learned about a few special assumptions that are warranted to add to our benefit suspension studies. This attachment provides a summary and discussion of these additional assumptions.
- 2. **Age and Service Tables with Old and New Higher Tier Benefit Suspension Formula** We have updated these tables to include three additional months of asset experience from June, July and August. They use both the old multiplier ceiling formula for the higher tier and the new flat percent reduction formula to allow for a comparison between the two.

The multiplier ceiling of 1.0% is lower than the previous 1.1% ceiling calculated back in June. Here are the positive and negative items impacting this update:

- The additional operational expense assumptions from #1 above, which includes a 2% increase per year and an extra \$100,000 in fees for the next two plan years, are the key reason why this result is worse.
- These additional expenses were partly offset by improved actual asset returns. The estimated return for the 2015-16 plan year improved from -2.48% to -1.35%. The estimated return for the 2016-17 plan year, including asset experience from July and August, improved from our expected 6.75% to 9.10%.

The new flat percent reduction would be a <u>65%</u> reduction to all participants on the higher tier. This reduction is much simpler and will allow us to properly adjust affected participants in pay status without requiring their contribution history. For example, if a participant has a \$1,000 per month benefit in retirement, the 65% reduction will lower his benefit to \$350.

There is one group, active participants with most if not all accruals at the 0.5% multiplier, that we wanted to avoid hurting with the benefit suspension. Their benefits have already been reduced enough. The multiplier ceiling concept guaranteed that the 0.5% multiplier years would not be touched. The flat reduction does not have that guarantee. However, everyone's benefit cannot be reduced below 110% of the PBGC guarantee. Participants with only 0.5% multiplier accruals are already below this floor level so they continue to see no further reduction under the flat reduction formula.

This flat percent reduction is replacing the multiplier ceiling for what I have been referring to as the higher tier benefit. The lower tier benefit, the maximum reduction of 110% of the PBGC guarantee, still applies to the same groups of participants as it did before. Age and service grids are not provided for the lower tier because those results have not changed since our last update. Maintaining the lower tier benefit is subject to it still being an equitable distribution among the various groups. We have not yet determined if it is an equitable distribution with the flat percentage reduction being the higher tier. We may have to move participants from the lower tier benefit to the higher tier benefit if the equitable distribution calculations no longer work.

The 65% flat percentage reduction result is still preliminary. We still have a number of additional items to add before getting the final suspension percentage for a suspension filing that would be made by the end of March, 2017:

- The asset experience through December 31, 2016 The asset return is still the biggest variable which could still significantly change our final result. An additional loss could be enough to make even the maximum benefit suspension not feasible.
- The plan experience from the July 1, 2016 actuarial valuation Our preliminary valuation result at this moment yields a very small experience gain on plan liabilities. Unless there is an unexpected surprise, the 2016 plan experience gain or loss is not expected to significantly change our result.
- Adding final special assumptions The mortality update especially should drop plan liabilities by about 0.25% to 0.40%. The open group projection with new entrants could also affect the result, but it is difficult to tell whether this change will help or hurt the final result.
- 3. Sample Benefit Suspension Participant Notice This attached preliminary sample notice provides an idea of what content would be provided to participants in late March if the Board decides to proceed.

Deciding to approve this benefit suspension is tough choice that no Board ever wants to consider. Participants have been loyal, sometimes for their entire career, knowing that they will receive a monthly lifetime pension for their hard work and dedication. This implicit promise would be broken by taking away a big chunk of their pension benefits and is a compelling reason to do nothing. However, this alone is a false sense of reality. The Plan is projected to be insolvent in less than 10 years at which time participants' benefit will be cut to the PBGC guarantee level. Additionally, the PBGC is also in financial trouble. By the time of Plan insolvency, this PBGC guarantee could be cut yet further to save itself from insolvency (one study looked at a 25% cut) or cut by a whopping 90% if the PBGC's funds are used up. No action on a suspension would lead to at least a 10% greater cut in 10 years for most participants¹, and it could be much greater.

8.94

¹ Participants with most or all of their benefits earned at the 0.5% multiplier may already be below the PBGC guarantee and, therefore, would not receive any further reduction with the Plan's insolvency.

As fiduciaries, the Board must operate in what is in the best interest of plan participants. Approving a benefit suspension at least gives participants a choice (remember, they get an opportunity to vote on the suspension) between a smaller haircut now or a bigger haircut later.

Finally, there is only a small window of opportunity to do a benefit suspension. Once the maximum reduction on all participants, 110% of the PBGC guarantee, does not eliminate the insolvency, the window of opportunity is shut. This could happen as early as this current January 1, 2018 proposed suspension date with a big enough loss or soon thereafter, even if there is not an additional loss. Waiting further to consider a benefit suspension risks having this window of opportunity shut forever.

The results in this letter are based on the plan provisions, assumptions, methods and demographic data as summarized in the July 1, 2016 PPA certification letter with the following exceptions:

- The asset return for the 2016-17 plan year is assumed to be 9.10% based on actual experience through August 31, 2016 combined with a return at an annual rate of 6.75% for the remaining ten months of the plan year.
- Operational expenses are assumed to increase by 2% per year beginning with the 2016-17 plan year. Also, an additional \$100,000 is added to the operational expenses in both the 2016-17 and 2017-18 plan years.

I am available at (317) 580-8652 or <u>pbullock@unitedactuarial.com</u> if you have any questions. I will be in attendance at your November 10th meeting to review this letter.

Sincerely.

Redacted by the U.S. Department of the Treasury

Paul Bullock, ASA, EA, MAAA Vice President

Enclosures

cc:

Mr. Duane Menter, Administrator

Mr. Michael Mills, Fund Counsel

Ms. Violet Gjorgjevski, Plan Associate

m@docs/iam/motor.cjty/db/28495/valgatirm/20150701/20161110 mlg/vaspension update.docs.

² Technically, MPRA allows plans to partition a portion of the plan off to the PBGC when the maximum suspension does not work. However, the PBGC would only approve a suspension that includes a partition if such partition did not compromise their ability to make payments to plans that they have already promised. This effectively makes the a partition solution very difficult, if not impossible, to accomplish at this time.

IAM Motor City Pension Fund Additional Projection Assumptions with a Benefit Suspension

There are a few additional projection assumption changes we have added (where noted in *italics*) or need to incorporate into the final benefit suspension solution as a result of recent benefit suspension application denials, guidance from speakers at educational sessions, and experience from the first UAS actuary that has completed a benefit suspension application (for Bricklayers Local 7):

Employment trends – It is important to add an annual decline in work if the industry has had a track
record of declining work in the past. The lack of a decline in an industry that had a track record of one
was part of the reason for the Road Carriers Local 707 and Iron 16 suspension denials. Here is a 5, 10
and 15-year average annual change in work for employers that were current as of June 30, 2015 (all
other employers excluded):

Period	Average Increase
7/1/2010-6/30/2015	+0.48%/year
(5 years)	+0.46%/ year
7/1/2005-6/30/2015	-2.71%/year
(10 years)	-2.7170/ year
7/1/2000-6/30/2015	-1.01%/year
(15 years)	-1.01%/year

A 5-year history includes most of the recovery period from the recession but not the recession itself, so this figure may be high. A 10-year history includes the recession and partial recovery, but this doesn't include stronger market periods like the 1990's. The 15-year history includes more years before the recession and an smaller decline of only 1% per year. Further history (which is unavailable) likely would show that something higher, including 0% growth, could be justified. It's also worthwhile to note that the maximum suspension would <u>not</u> work with a 1% decline per year. Considering all of this, we have left the Plan at 0% growth in future weeks worked in our latest update.

- **Future new entrants** The final run must include what's called an open group projection. This is where we replace current actives after they terminate, retire, etc. with new entrants. These new entrants must have a distribution of entry ages which reflect ages of actual new entrants to the Plan over at least the past 5 years.
- **Expenses** Both of these items have been added to our latest update.
 - We need to estimate and add the additional cost of completing the benefit suspension application. We estimate this cost to be \$100,000 in each of the next two plan years. This is extra expense could have easily been \$150,000 with the multiplier ceiling formula given the benefit calculation challenges we would have faced with limited documentation. Brick 7, our other fund that filed for a suspension, faced similar issues with less than half the participant size and generated \$120,000 in special charges in the suspension filling year.
 - Future expenses should also be increased annually by expected inflation. We used an annual increase of 2.0% per year into the future.

IAM Motor City Pension Fund Additional Projection Assumptions with a Benefit Suspension

- Bankruptcy rates There is an annual probability that an employer paying withdrawal liability would go bankrupt and would no longer be able to pay withdrawal liability. We used an annual rate of bankruptcy of 13.6% for the smaller employers in our mass withdrawal liability study. However, no application has yet to add bankruptcy rates. Why? From what I have learned, it seems the track record of employers going bankrupt is considerably worse with mass withdrawal. It generates greater, uncapped assessments that further incentivizes employers to declare bankruptcy. Also, mass withdrawal can be a plan sponsor decision, whereas a regular withdrawal is primarily an employer's financial decision, so mass withdrawal employers could get stuck with a withdrawal liability that they did not financially choose or can afford. As a result of no bankruptcy rates with prior suspension filings and these above arguments, I will likely leave bankruptcy rates out of the benefit suspension.
- Mortality The Society of Actuaries recently published mortality improvement scale MP-2016. This
 adds three additional years (2012, 2013 and 2014) to their study. The rate of mortality improvement
 over these three years continued to be slower and, therefore, the new scale has slower
 improvements. We will add in this scale with the 2016 valuation. It is estimated to lower plan
 liabilities by about 0.25% to 0.40%.

We will hear back on at least one additional suspension application (Teamsters 469) before the end of the year. We will hear on a second (Brick 7) in early February and could hear about a third (Iron 17) ahead of their 225-day due date because they resubmitted their application and had already started their approval process. We will monitor these responses to see if there's any further adjustments we need to make before filing our application.

Actives with 1.0% Multiplier Ceiling, 110% of PBGC Guar. Minimum

Row (abels	None	01-09	05-00	10-14	15-19	20-24	25-29	30-34	55-59	40+ 1	trand Total
Under 25											
Count of AA	1	2									3
Average of BENA	2.67	29.58									20.61
Average of Study 4 BENA	2.67	29.58									20.61
Average of Percent	100,0%	100.0%									100.08
25-29											
Count of AA		15									15
Average of BENA		54.43									54,41
Average of Study 4 BENA		5431									54,41
Average of Percent		100.0%									100.00
30-34											
Count of AA		54		1							15
Average of BENA		41.93		754.53							89.44
Average of Study 4 BENA		41.93		521.06							73.87
Average of Percent		100.0%		59.1%							82.5%
35-39		-		-							
Count of AA	2	2	3	3	1						35
Average of BENA	0.60		205.99		100						326.52
Average of Study 4 BENA	0.80		205.99		658.69						240.47
Average of Percent	100 0%		100 0%	72.7%	19/75						73.75
40-44	annium.	Assertation.	TOWN PLAN	16.14	- 120.00						rara
Count of AA	1	2		3	5						3.0
Average of BENA	1.82			112.00	1513.46						856.86
					1000						
Average of Study 4 BENA	1.82			383.95	794.24						494:20
Average of Percent	10000%	100.0%		69.6%	22.5%						5631
45-49				-	-	-					100
Count of AA	2	3	1.	2	5	5					17
Average of BENA	4.32		222.72		1095,44						800.55
Average of Study 4 BENA	4.32		222.72	481.74	548.96						507.64
Average of Percent	200/05	100.05	100.0%	71.5%	563%	52.9%					53 AS
50-54											
Count of AA		3		3	1	2	2	4			15
Average of BENA		80.76		791.56	904.28	1828 16	2571.77	2336.81			1444.55
Average of Study 4 BENA		80.76		479.34	560.38	863.43	1202.97	1287.10			76815
Average of Percent		100,05		50.66	62.0%	47.2%	46.8%	55.1%			3529
\$5-59											
Count of AA		5		- 5	- 4	3	5	2			24
Average of BENA		64.28		735.84	1477 63	1825.82	2165.28	3879.31			1415.57
Average of Study 4 BENA		04.78		508 40	767.96	943.78	1111.89	1445.27			717:50
Average of Percent		100.0%		89.1%							50.79
60-64											
Count of AA		2	2	14	2	2	1	2		- 1	20
Average of BENA		31.40		473.29				2760.38	1937.61		1378.52
Average of Study 4 BENA		31.40	0.00	10.7.53		3.000		1801.55	14474	2.7	845.95
Average of Percent			100 0%				THE RESERVE OF THE PARTY OF THE	and the latest two	74.3%	85.8%	61.49
65+		TOO WEEK	200 074	70.0%		44.00	70,3%	41.44	79.339	00.00	317.49
Count of AA				- 2	_						.2
Average of BENA				1185.89							1185.83
Average of Study 4 BENA				561.75							561.75
Average of Percent				22.0%	122	-	-		-	_	55 E
Total Count of AA	- 5	48		73	18	12			4	1	115
Total Average of BENA	2.08		233.67	100	1378.67	-		2828,33			860,36
Total Average of Study 4 BENA	2.08		233.67	THE RESERVE	738.95	Market Sale		1330.30	200 100	No. of London	492.99
Total Average of Percent	100,0%	100.0%	100.0%	67,6%	SLIM	52.8%	53.6%	47,000	74.3%	85.8%	57.39

Actives with 65% Flat Reduction, 110% of PBGC Guarantee Minimum

Row Labels	None	01-00	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+ 0	Srand Total
Under 25											
Count of AA	1	- 7									3
Average of BENA	2.67	29.58									20.6
Average of Study 5 BENA	12/93										19.10
Average of Percent	35,0%	95.5%									92,75
25-29											
Count of AA		45									15
Average of BENA		54.41									54.4
Average of Study 5 BENA		50.98									50.9
Average of Percent		93.7%									93.79
30-34											
Count of AA		24		4							15
Average of BENA		41.93		754.53							89.4
Average of Study 5 BENA		39.01		521.06							71.5
Average of Percent		93.0%		69,1%							79.61
35-39		300,019		00.00							2.400
Count of AA	2	Z	3	3	I						11
Average of BENA	100		205.99	170	410 77						
	0.80		20000	607.59							926.3
Average of Study 5 BENA	0,28			441.43	658.69						236.0
Average of Percent	15.0%	94.9%	92.7%	72.7%	38.6%						72,39
40-44											
Count of AA	1	2		3	5						11
Average of BENA	1.82	100.65		551.68	2513.46						856.8
Average of Study 5 BENA	0.64	94.75		383.95	703.95						841.9
Average of Percent	115.05	94.1%		69.0%	16579	1					51.6
45-49											
Count of AA	1	3	1	2	5	5					1.7
Average of BENA	4.32	54.72	222.72	673.72	1095.44	1280,70					600.5
Average of Study 5 BENA	151	51.19	207.94	481.73	548.86	806.16					505.9
Average of Percent	35.0%	95.6%	95.4%	715%	503%	62-9%					157.27
50.54	-				_	-					
Count of AA		3		3	4	2	3				3.5
Average of BENA		80.76		791.56	7		2571.77	2005.00			1444.5
Average of Study 5 BENA		74.19									757.4
Commence of the contract of th				429.50		825.83	1143.55				
Average of Percent		91.0%		5478	67.054	-50	44.55	34.1%			57.35
55-58		-					_	-			
Count of AA		5		5	*	3	5	2			24
Average of BENA		64.18		735.84		2000	2165.28	-			1415.5
Average of Study 5 BENA		52.29		412.49	727:00	900.49	1089.04	1357.76			670.5
Average of Percent		81.3%		56.1%	462%	40.5%	50.3%	35.0%		_	46.0
60 64											
Count of AA		- 2	2	4	7.	2	1	2	14	1	20
Average of BENA		31.40	280.67	473.29	1931.09	2805 22	1510,94	2760.38	1997.61	1798.30	1378,5
Average of Study 5 BENA		28.95	249.02	372.11	676.12	938.87	1061.78	1255.64	1440.28	1543.51	807.6
Average of Percent		92.1%	88.7%	78.6%	35.00	40.7%	70.3%	49.5%	74.3%	85.8%	38.65
65.		_		1000					2.000	-	
Count of AA				2							- 2
Average of BENA				1185.83							1185.8
Average of Study 5 BENA				545.63							
The second secon											545.6
Average of Percent				46.0%	150	01					40.0
Tetal Count of 6A	5	48	6	23	18	12		8	4	1	199
Total Average of BENA	5.08	52.02	233.67	691.24	1378.67	1678.98	2185.11	2828.33	1917/61	1798.50	860.3
Total Average of Study 5 BENA	0.79	47.77	213.10	430.03	680.19	855.14	1099.26	1284.93	1440.28	1543.51	468.7
Total Average of Percent	35.0%	91.8%	91.2%	62:2%	49.35	56,96	50.39	45.4%	74.3%	85.8%	54.07

Inactive Vested with 1.0% Multiplier Ceiling Only, 110% of PBGC Guar. Minimum

Row Labels	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Tota
30-34									
Count of AA		2							2
Average of BENFIT		201,08							201.08
Average of Study 4 BENFIT		198.23							198.23
Average of Percent		98.5%							98.6%
35-39									
Count of AA	5	9	3						17
Average of BENFIT	204.04	296,40	513.59						307.56
Average of Study 4 BEN FIT	152.25	273.10	471.86						275.58
Average of Percent	79.5%	92.1%	91.9%						89.6%
40-44									
Count of AA	8	4	3						15
Average of BENFIT	244,25	228.60	548.79						300.99
Average of Study 4 BENFIT	193.48	223.54	449.36						252.67
Average of Percent	79.2%	97.8%	81.9%						83.9%
45-49									
Count of AA	8	11	11	1	2				33
Average of BENFIT	242.51	472.64	797,54	732.84	856.12				556.28
Average of Study 4 BEN FIT	184.87	354.11	581.74	668.87	785.33				424.63
Average of Percent	76.2%	74.9%	72.9%	91.3%	91.7%				76.3%
50-54									
Count of AA	7	13	5	2	1	1			29
Average of BENFIT	218.29	294.60	454.15	530.52	1534.79	1594.52			407.55
Average of Study 4 BEN FIT	173.96	274.68	426,05	498.17	1061.78	1160.09			349.55
Average of Percent	79.7%	93.2%	93.8%	93,9%	69.2%	72.8%			85.8%
55-59									
Count of AA	8	13	2	1	3	2	1		30
Average of BENFIT	196.92	W. W. A.A. S.		336.96	763.64	1191.88	1543.72		446.40
Average of Study 4 BENFIT	159.52	100000	T C B 2.00		7.77	1043.51			387.87
Average of Percent	81.0%						89.9%		86.9%
60-64			10,010		351818	_ ASSAGE			
Count of AA	2	4		4	1		1	1	13
Average of BENFIT	3	389.01		-	879.32		The Late Contract	1778.18	and the same of th
Average of Study 4 BEN FIT	215.42			722.14	- A 147			1589.51	
Average of Percent	87.1%			67.1%			90.1%	89.4%	
65+	011239	DEROTE		011270	32000		301270	03110	131110
Count of AA				1				1	2
Average of BENFIT				336.97				1602.89	
Average of Study 4 BEN FIT				336.97				1454.73	
Average of Percent				100.0%				90.8%	THE RESERVE AND ADDRESS.
Total Count of AA	38	56	-24	9	7	3	2	2	141
Total Average of BENFIT	224.06			752.47		1325.09			
Total Average of Study 4 BENFIT						1082.37			
THE SAME STREET, MINISTER, AND ADDRESS OF THE PERSON.	178.02	-							
Total Average of Percent	79.5%	85.1%	79.0%	77.2%	86.6%	81.6%	90.0%	90.0%	82.8%

Inactive Vested with 65% Flat Reduction, 110% of PBGC Guarantee Minimum

Row Labels	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
30-34									
Count of AA		2							2
Average of BENFIT		201,08							201.08
Average of Study 5 BEN FIT		198.23							198.23
Average of Percent		98.5%							98.6%
35-39									
Count of AA	5	9	3						17
Average of BENFIT	204.04	296,40	513.59						307.56
Average of Study 5 BEN FIT	152.25		471.86						275.58
Average of Percent	79.5%	92.1%	91.9%						89.6%
40-44									
Count of AA	8	4	3						15
Average of BENFIT	244,25	228.60	548.79						300.99
Average of Study 5 BENFIT	193.48	223.54	449.36						252.67
Average of Percent	79.2%	97.8%	81.9%						83.9%
45-49									
Count of AA	8	11	11	1	2				33
Average of BENFIT	242.51	472.64	797.54	732.84	855.12				556.28
Average of Study 5 BEN FIT	184.87	354.11	581.74	668.87	785.33				424.63
Average of Percent	76.2%	74.9%	72.9%	91.3%	91.7%				76.3%
50-54									10 94494
Count of AA	7	13	5	2	1	1			29
Average of BENFIT	218.29	294.60	454.15	530.52	1534.79	1594.52			407.55
Average of Study 5 BEN FIT	173.96	274.68	426,05	498.17	1061.78	1160.09			349.55
Average of Percent	79.7%	93.2%	93.8%	93,9%	69.2%	72.8%			85.8%
55-59					200,000	-			
Count of AA	8	13	2	1	3	2	1		30
Average of BENFIT	196.92	10 miles	761.50	and the said	0.00	1191.88	1543.72		446.40
Average of Study 5 BENFIT	159.52					1043.51			387.87
Average of Percent	81.0%			and the latest designation of the latest des					86.9%
60-64					27000		95,000		20000
Count of AA	2	4		-4	1		1	1	13
Average of BENFIT		389.01		1076.10	879.32		San La Bank	1778.18	and the same of th
Average of Study 5 BEN FIT	215.42			722.14	- A 10 T			1589.51	3221.20
Average of Percent	87.1%			67.1%			90.1%		
65+	Gritish	DELOTE		573.276	321010		301270	Dartie	13,416
Count of AA				1				1	2
Average of BENFIT				336.97				1602.89	
Average of Study 5 BEN FIT				336.97				1454.73	
Average of Percent				100.0%				90.8%	THE RESERVE AND ADDRESS.
Total Count of AA	38	56	-24	9	7	3	2	2	141
Total Average of BENFIT	224.06			- N. W. TO		1325.09			
Total Average of Study S BENFIT	178.02					1082.37			
Total Average of Percent	79.5%						STATE OF THE PARTY.		
Total Average of Percent	13.370	0.07170	737020	11.270	00.076	01.0%	20,076	30.020	02-076

In Pay Status with 1.0% Multiplier Ceiling Only, 110% of PBGC Guar. Minimum

Row Labels	None	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
50-54										
Count of AA			2		1					3
Average of Benefit			332.55		566.71					418.60
Average of Study 4 Benfit			313.30		528,04					384.88
Average of Percent			94.2%		93.2%					93.79
55-59										
Count of AA		1	3	1	5	9	A	4		24
Average of Benefit		199.96	101.73	588.46	512.19	1805.45	1348.46	1665.10		1267.93
Average of Study 4 Benfit		183.12	101.73	534.64	491.37	845.95	715.75	1089.74		701.77
Average of Percent		91.8%	100,0%	90,9%	95.9%	45.8%	21.1%	85.4%		55,3%
60-64										
Count of AA		2	4	3	10	14	8		1	42
Average of Benefit		158.06	304,64	810.66	1570,90	1963.86	2039,88		1615.24	1550,09
Average of Study 4 Benfit		150.28	284.21	350.53	694.32	938.23	1012.60		1457,35	764.90
Average of Percent		95.1%	93.3%	43.2%	61,2%	47,8%	49.6%		90.2%	49.39
65-69										
Count of AA		5	8	10	6	24	15	4	3	76
Average of Benefit		268.41	177.62	370.49	1654.93	2383.84	2423.18	1898.27	2360.50	1643.42
Average of Study 4 Bonfit		195.10	176.13	334.12	749.60	1081.33	1257.34	1346.76	1282,98	850.22
Average of Percent		72.7%	99,259	90.2%	45.3%	45.4%	523%	70.9%	54,4%	31.6
70-74										
Count of AA		3	6	6	4	7	18	4	3	51
Average of Benefit		524.94	548.02	905.07	798,64	1665,99	1991.05	2271.78	2156.42	1500.88
Average of Study 4 Benfit		304.77	369.50	481.31	572.51	865:28	1197.68	1403.41	1622.16	909.85
Average of Percent		58.1%	67.4%	53,2%	71.7%	51.9%	50:2%	61.8%	75.2%	60.6%
75-79									_	
Count of AA		2	6	8	9	13	15	3	1	57
Average of Benefit		412.45	465,62	644.63	1345.16	1087.78	1688.98	3701.30	2072.45	1290.07
Average of Study 4 Benfit		191.26	425.61	476.82	1176.93	897.04	1396.11	1848.16	1984.29	1008.31
Average of Percent		40.4%	91.4%	73.9%	87.5%	82.5%	82.7%	49.9%	95.7%	78.2%
80-84										
Count of AA	10	2	4	8	10	- 33	5	4	1	55
Average of Benefit	408.45	290.44	324.61	562.26	919,94	1035,81	1945,73	1115.38	1786.43	855.12
Average of Study 4 Benfit	408,45	290.44	324.61	562.26	919,94	1035,81	1945,73	1115,38	1786.43	855.12
Average of Percent	100,0%	200,0%	100,0%	200,0%	100.0%	100.0%	100,0%	100.0%	100,0%	100,0%
85+										
Count of AA	70	1	4	3	9	7	2	4	3	103
Average of Benefit		1064.49	451.65	875.39	1320.18	1015.70	832.06	912.66		
Average of Study 4 Benfit		1064.49			1320,18		2.07			
Average of Percent	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	100.0%			100.0%	THE RESERVE		800.0%		1000000
Total Count of AA	80	17	37	39	51	85	67	23		411
Total Average of Benefit	394.85				1247.29					
Total Average of Study 4 Benfit	394.85					1804.783	1251.74			
Total Average of Percent	100.0%					57:1%		ALC: UNKNOWN	-	

In Pay Status with 65% Flat Reduction, 110% of PBGC Guarantee Minimum

Row Labels	None	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40+	Grand Total
50-54										
Count of AA			2		1					3
Average of Benefit			332.55		566.71					418.60
Average of Study 5 Benfit			313.30		528/04					384.88
Average of Percent			94.2%		93.2%					93.79
55-59										
Count of AA		1	3	1	5	9	A	4		24
Average of Benefit		199.96	101.73	588.46	512.19	1805.45	1348.46	1665.10		1267.93
Average of Study 5 Benfit		183.12	101.73	534.64	491.37	871.87	715.75	1089.74		711.4
Average of Percent		91.8%	100,0%	90,9%	95,9%	48,3%	21.1%	85.4%		56.1%
60-64										
Count of AA		2	4	3	10	14	8		1	42
Average of Benefit		158.06	304.64	810.66	1570,90	1963,86	2039,88		1615.24	1550.09
Average of Study 5 Benfit		150.28	284.21	349.00	725.81	981.21	1026.07		1457,35	789.41
Average of Percent		95.1%	93.3%	43.1%	46.3%	90.0%	50,3%		90.2%	50.49
65-69										
Count of AA		5	8	10	6	24	15	4	3	76
Average of Benefit		268.41	177.62	370.49	1654.93	2383.84	2423,18	1898.27	2360.50	1543.47
Average of Study 5 Bonfit		194.21	176,03	333.85	758.33	1061.61	1196.79	1346.76	1282,98	830.64
Average of Percent		72,4%	99.1%	90.1%	40.8%	44.5%	49.4%	70.9%	56,4%	50.5%
70-74										
Count of AA		3	6	6	4	7	18	4	3	51
Average of Benefit		524.94	548.02	905.07	798,64	1665,99	1991.05	2271.78	2156.42	1500.88
Average of Study 5 Benfit		304.77	363.99	482.31	572.51	926.68	1197.68	1403.41	1622.16	917.75
Average of Percent		58.1%	66.4%	53.3%	71.7%	55.6%	60.2%	61.8%	75.2%	51.1%
75-79									_	
Count of AA		2	6	8	9	13	15	3	1	57
Average of Benefit		412.45	465,62	644.63	1345.16	1087.78	1688.98	3701.30	2072.45	1290.00
Average of Study 5 Benfit		199.66	424,77	474.21	1176.93	897.04	1396.11	1869.67	1984.29	1009.30
Average of Percent		48/4%	91.2%	73.0%	87.5%	82.5%	82.7%	30,1%	95.7%	78.2%
80-84										
Count of AA	10	2	4	8	10	- 11	5	4	1	55
Average of Senefit	408.45	290.44	324.61	562.26	919,94	1035,81	1945,73	1115.38	1786.43	855.12
Average of Study 5 Benfit	408,45	290.44	324.61	562.26	919,94	1035,81	1945,73	1115,38	1786.43	855.12
Average of Percent	100,0%	200,0%	100,0%	200,0%	100.0%	100.0%	100,0%	100,0%	100,0%	100,0%
85+										
Count of AA	70	1	4	3	9	7	2	4	3	103
Average of Benefit		1064.49	451.65	875.39	1320.18	1015.70	832.06	912.66		
Average of Study 5 Benfit		1064.49			1320.18					
Average of Percent	THE RESERVE	100,0%			100.0%	THE RESERVE		890,0%		1000000
Total Count of AA	80	17	37	39	51	85	67	23		
Total Average of Benefit	394.85	363.03				1000	1949.65			
Total Average of Study 5 Benfit	394.85						1237.55			
Total Average of Percent	100.0%				1000	and the latest designation of the latest des		CALIFORNIA DE	-	

NOTICE OF A PROPOSED REDUCTION OF YOUR PENSION BENEFITS

On March 29, 2017, the Board of Trustees of the International Association of Machinists Motor City Pension Fund ("Plan") will submit an application to the U.S. Treasury Department for approval to reduce benefits under the Plan. This type of benefit reduction is allowed by the Federal law called the Multiemployer Pension Reform Act of 2014.

You are getting this notice because you have a pension benefit under the Plan. **The end of this notice describes the proposed reduction of your monthly payments.**¹ This notice will also answer the following questions for you—

- 1. Why is the Board of Trustees proposing to reduce benefits?
- 2. What will happen if the Plan runs out of money?
- 3. How did the Board of Trustees decide whose benefits to reduce and by how much?
- 4. What are the proposed reductions in benefits?
- 5. What comes next?

1. Why is the Board of Trustees proposing to reduce benefits?

The Plan's actuary estimated that, unless benefits are reduced, the Plan will not have enough money to pay benefits in the year 2026. This estimate is based on how much money the actuary expects the Plan to receive and to pay out each year. The Plan's actuary estimated that, with the reduction of benefits that the Board of Trustees has proposed, the plan should not run out of money.

2. What will happen if the Plan runs out of money?

If the Plan does not have enough money to pay benefits, then only the amount guaranteed by the Pension Benefit Guaranty Corporation ("PBGC") will be paid. You can find the amount of your benefit that is guaranteed by PBGC at the end of this notice.

3. How did the Board of Trustees decide whose benefits to reduce and by how much?

Under Federal law, the Board of Trustees must apply the following rules to the proposed reduction—

- The total reduction in everybody's benefits must be estimated to be large enough to keep the plan from running out of money but not larger than needed to do that.
- Your monthly benefit and the benefit of your beneficiary cannot be reduced below 110% of the amount guaranteed by PBGC.
- Disability benefits (as defined under the Plan) cannot be reduced.

¹ A version of this notice that does not include the estimate of the effect on your benefit is being sent to unions that represent Plan participants and to all contributing employers.

- The benefits of people who are at least 80 years old on January 31, 2018 and their beneficiaries cannot be reduced.
- The benefits of people who are at least 75 years old on January 31, 2018 and their beneficiaries are partially protected, and the closer the person is to age 80 the less the benefits can be reduced.
- The reduction of benefits must be spread fairly among the people who have a pension benefit under the plan.

In deciding whether the proposed reduction is spread fairly, the Board of Trustees took into account the following:

- Extent to which benefits are attributed to service with an employer that failed to pay its full withdrawal liability.
- Extent to which active participants are reasonably likely to withdraw support for the plan, accelerating employer withdrawals from the plan and increasing the risk of additional benefit reductions for participants in and out of pay status.

4. What are the proposed reductions in benefits?

The Board of Trustees proposes the following reduction of benefits:

- a. A **65% reduction** will be applied in the calculation of your benefit. This reduction also applies if you are already in pay status as a participant or beneficiary. There are some exceptions to this reduction. You may satisfy one of the statutory exceptions explained under item #3 above:
 - Your benefit cannot be reduced below 110% of your PBGC guarantee benefit
 - > Your benefit is not reduced at all if you receive a disability benefit or are over age 80
 - Your benefit is only partly reduced if you are between ages 75 and 80

You may be subject to a different reduction if you are in one of the groups noted in items (b) through (e) below and not fully protected by a statutory exception.

- b. When an employer stops participating in the Plan, they must pay withdrawal liability to fund the benefits of the participants that worked for them. The following five employers did not pay their employer withdrawal liability:
 - ABC Paving
 - ➤ Borman Foods/Farmer Jack
 - ➤ E&L Transport
 - Pyrek Transport, Inc.
 - Thomas Goodfellow

As a result of not paying their withdrawal liability, all of these benefits for these employers are unfunded. Therefore, if you worked for one of the employers listed above, your benefit will be suspended to the maximum extent, 110% of your PBGC guarantee benefit.

- c. If you have not earned a benefit after January 1, 1988, your benefit will be suspended to the maximum extent, 110% of your PBGC guarantee benefit.
- d. If you did earn a benefit after January 1, 1988 <u>and</u> you worked for one of the five employers that has fully paid or is current in paying their employer withdrawal liability, your benefit will have the 65% reduction applied. These five employers are:
 - Ryder Transport
 - Koenig Fuel and Supply
 - Edward Levy
 - ➤ Bill Wink Chevrolet
 - Superior Materials
- e. If you are a terminated vested participant or were a terminated vested participant at retirement <u>and</u> conditions #4b, #4c and #4d above are all <u>not</u> applicable, then your benefit will be reduced according to your years of service:
 - > 15 years of service or less Your benefit will be reduced to the maximum extent, 110% of your PBGC guarantee benefit.
 - More than 15 years but less than 20 years of service Your benefit will be prorated between the 110% of your PBGC guarantee benefit and the 65% reduction noted above. 16 years of service will receive 80% of the 110% of the PBGC guarantee plus 20% of the 65% reduction benefit, 17 years of service will receive 60% of the 110% PBGC guarantee plus 40% of the 65% reduction benefit, etc.
 - > 20 years of service or more The above 65% reduction will apply to your benefit.

If you are a beneficiary of your spouse's Pension benefit, your benefit will be adjusted according to the conditions above based on your spouse's status at the time of his or her death.

5. What comes next?

Approval or denial of the application by the Treasury Department

The Treasury Department will review the application to see whether it meets all of the legal requirements under Federal law. If the application meets all of those requirements, the Treasury Department is required to approve the application. If the application does not meet the legal requirements, the Treasury Department will deny the application. The Treasury Department will have until November 9, 2017 to make a decision.

You can get information from the Treasury Department

More information about the proposed benefit reductions and a copy of the application is available at www.treasury.gov/mpra.

The application will be available on that website within 30 days after the Treasury Department receives it. The application includes more information about the proposed reduction, including details about: 1) the Plan actuary's certification that the Plan will run out of money (that is, that

the plan is in "critical and declining status"); 2) how the proposed reduction would satisfy the requirement that it be large enough so that the Plan is estimated not to run out of money, while not being larger than needed; and 3) the sensitivity of these estimates to the assumptions used.

The application describes the steps the Board of Trustees has already taken to keep the Plan from running out of money and why the Board of Trustees believes that a benefit reduction is the only remaining option to keep the plan from running out of money. In addition, the application explains why the Board of Trustees believes that the proposed reduction is spread fairly among the people who have a pension benefit under the plan.

The Treasury Department website will also provide updated information on the application, such as whether the application has been updated or withdrawn.

For further information and assistance you can also write to the Treasury Department at the following address:

Department of the Treasury Attn: MPRA Office, Room 1001 1500 Pennsylvania Avenue, NW Washington, DC 20220

You can comment on the application to reduce benefits

You can submit a comment on the application by going to www.treasury.gov/mpra. Comments may also be mailed to the Department of the Treasury, at the address listed above. All interested parties can make comments, and the comments will be publicly available.

Retiree Representative

If a plan has 10,000 or more participants, the Board of Trustees must select a retiree representative to advocate for the interests of retirees, beneficiaries, and deferred vested participants as part of this process. A plan is required to pay the reasonable expenses of the retiree representative.

The Board of Trustees is not required to select a retiree representative, because the Plan has fewer than 10,000 participants. The Board of Trustees has not chosen to select a retiree representative.

Vote on the proposed benefit reduction

If the application for the proposed reduction of benefits is approved by the Treasury Department, then you will have the opportunity to vote on the proposed reduction. Unless a majority of all participants and beneficiaries of the Plan vote to reject the reduction, the Treasury Department must allow the reduction of benefits to take effect. This means that not voting counts the same as a vote to approve the reduction.

You may contact PBGC's Participant and Plan Sponsor Advocate by mail at Pension Benefit Guaranty Corporation, Attn: Participant and Plan Sponsor Advocate, 1200 K St., NW, Washington DC 20005; by telephone at (202) 326-4448; or by e-mail at advocate@PBGC.gov.

Your right to see Plan documents

You may want to review Plan documents to help you understand your rights and the proposed reduction to your benefits. The Plan administrator must respond to your request for the following documents within 30 days:

- The Plan document (including any amendments adopted to reflect an authorized reduction of benefits), trust agreement, and other documents governing the Plan (such as collective bargaining agreements).
- The Plan's most recent summary plan description (SPD or plan brochure) and any summary of material modifications.
- The Plan's Form 5500 annual reports, including audited financial statements, filed with the U.S. Department of Labor during the last six years.
- The annual funding notices furnished by the Plan during the last six years.
- Actuarial reports, including reports prepared in anticipation of the benefit reduction, furnished to the Plan within the last six years.
- The Plan's current rehabilitation plan, including contribution schedules and annual plansponsor determinations that all reasonable measures to avoid running out of money continue to be taken and that the Plan would run out of money if there were no benefit reductions.
- Any quarterly, semi-annual or annual financial reports prepared for the Plan by an investment manager, fiduciary or other advisor and furnished to the Plan within the last six years.

The Plan administrator may charge you the cost per page to the Plan for the cheapest way of copying documents, but cannot charge more than 25 cents per page. The Plan's Form 5500 Annual Return/Report of Employee Benefit Plan is also available free of charge at www.dol.gov/ebsa/5500main.html. Some of the documents also may be available for examination, without charge, at the Plan administrator's office, your worksite or union hall.

Your right to challenge incorrect calculations

If you think the Plan miscalculated the reduction to your benefits, then you have the right to submit a claim to the Plan to have the calculation corrected. The Plan's summary plan description ("SPD") tells you how to submit a claim. The SPD also describes your right to have a court review the Plan's final decision on your claim.

If you believe the information used to calculate your estimate at the end of this notice is wrong, please contact the Plan office at 700 Tower Drive, Suite 300, Troy, MI 48098-2808 or by telephone at (248) 813-9800.

HOW YOUR MONTHLY PAYMENTS WILL BE AFFECTED

This estimate of the effect of the proposed reduction of benefits has been prepared for:

John Doe 123 Main Street Detroit, Michigan 48205

Your current [monthly benefit / benefit payable at age 65] is \$1,000 per month. Under the proposed reduction, your [monthly benefit / benefit payable at age 65] will be reduced to \$786.50 per month beginning on January 1, 2018. [Upon your death, your spouse's monthly benefit would be \$500 per month. Under the proposed reduction, your spouse's benefit would be reduced to \$393.25 per month. If your spouse dies before you, your monthly benefit would pop up to \$1,100 per month. Under the proposed reduction, your monthly benefit would instead not pop up at all and remain at \$786.50.] We may need language for the social security leveler if one hasn't dropped to the lower tier by January 1, 2017.

The proposed reduction is permanent.

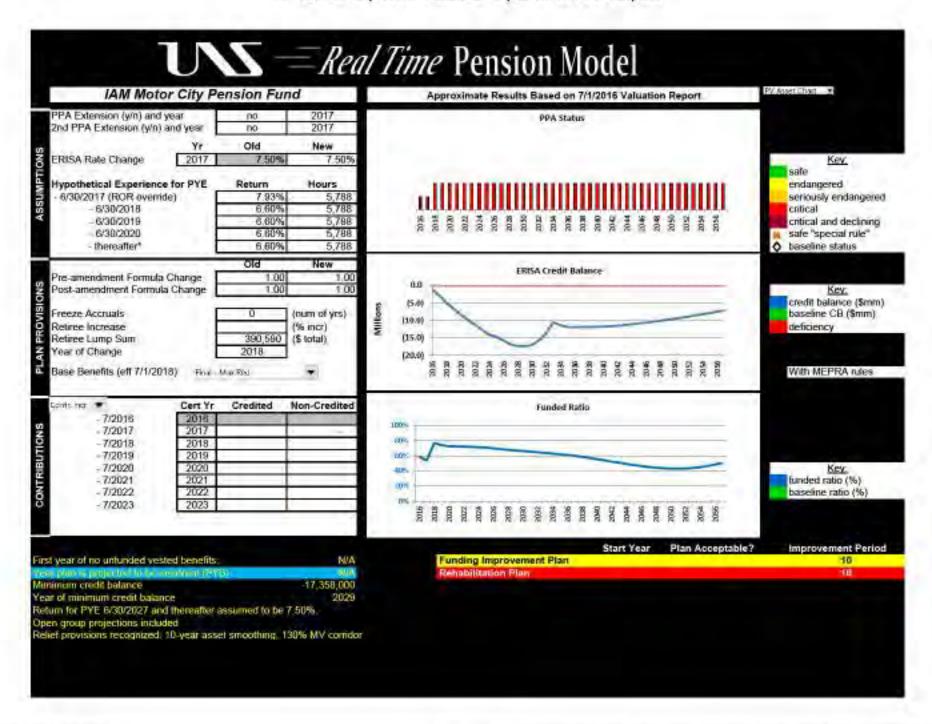
This is an estimate of the effect of the proposed reduction on your benefit under the Plan. It is not a final benefit calculation. This was done assuming that the proposed benefit reduction starts on January 1, 2018. If the benefit reduction starts later, the effect of the proposed reduction on your benefit might be different.

This estimate is based on the following information from Plan records:

- You have 20 years of credited service under the Plan.
- Your accrued benefit prior to January 1, 1988 was \$0.00.
- Your employer [is/was] Ryder.
- [Your date of termination is May 20, 2011.]
- You will be age 70 and 5 months as of January 31, 2018.
- [At retirement you elected to receive your benefit in the Joint and 50% Survivor form.]
- [Your spouse will be age 67 and 5 months as of January 31, 2018.]
- The portion of your benefit that is based on disability is \$0.00.

PBGC Guaranteed Benefits

If the Plan does not have enough money to pay benefits, your monthly benefit would be no larger than the amount guaranteed by PBGC. The amount of your monthly benefit guaranteed by PBGC is estimated to be \$715.00 per month.



IAM Motor City Pension Summary of Benefit Suspension Study Results

		Ave	erage Accrued Ben	Percent Reduction		
Group	Number	Current	With 65% Red.	With Max Red.	With 65% Red.	With Max Red.
Actives at Age 65						
Had 65% Reduction Originally	15	1,730.79	605.78	531.54	65.0%	69.3%
Had Max Reduction Already	122	605.32	393.18	393.18	35.0%	35.0%
Already Below Max Reduction	4	113.97	113.97	113.97	0.0%	0.0%
Total	141	711.11	407.87	399.97	42.6%	43.8%
Inactive Vested at Age 60						
Had 65% Reduction Originally	8	1,202.60	420.91	342.86	65.0%	71.5%
Had Max Reduction Already	291	614.97	413.02	413.02	32.8%	32.8%
Already Below Max Reduction	73	133.13	133.13	133.13	0.0%	0.0%
Total	372	533.05	358.28	356.59	32.8%	33.1%
In Pay Status						
Had 65% Reduction Originally	25	3,122.13	1,140.54	960.22	63.5%	69.2%
Had Max Reduction Already	361	1,393.26	808.24	808.24	42.0%	42.0%
Already Below Max Reduction	81	148.95	148.95	148.95	0.0%	0.0%
Age 80+/Disabled, Fully Protected	171	790.99	790.99	790.99	0.0%	0.0%
Total	638	1,141.61	732.93	725.87	35.8%	36.4%