# Undertaking # 30

MPI to determine net positive impact to net income based on holding assets at a two (2) year lower duration than claims, and compare it to what it is at minus one (1) duration.

# **RESPONSE:**

Attached are the revised pro-formas that assumed the duration gap forecast was -2.0 years instead of the base forecast (-1.0 years starting in Q2 2014/15). The average rating year net income impact of this scenario was \$3.1 million higher compared to the base GRA forecast.





### Manitoba Public Insurance Statement of Retained Earnings Base Scenario with -2.0 Year Duration Gap over Five Year Forecast

ATE STABILIZATION RESERVE (RSR) Basic Insurance Rate Stabilization Reserve Beginning Balance Transfer from Basic Retained Eamings Transfer to Basic Retained Eamings Ending Balance Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target Retained Earnings	2012A 140,525 15,175 - <b>155,700</b> 77,000 154,000 210,000	2013A Restated 155,700 - (5,900) 149,800 149,800 200,000	2014A 149,800 (49,924) - 99,876 77,900 155,700 200,000	2015P 99,876 (37,257) - 62,619 82,300 164,300 172,000	2016P 62,619 (1,531) - 61,088 89,000 177,700	2017P 61,088 19,334 - 80,422 93,200	2018P 80,422 29,995 - 110,417 97,600	2019F 110,417 23,772 - <b>134,189</b>
Basic Insurance Rate Stabilization Reserve Beginning Balance   Transfer from Basic Retained Earnings   Transfer to Basic Retained Earnings   Ending Balance   Minimum RSR based on PUB rules   Max imum RSR based on PUB rules   MPI RSR Target	15,175 	155,700 - (5,900) <b>149,800</b> 77,900 149,800	(49,924) 99,876 77,900 155,700	(37,257) 62,619 82,300 164,300	(1,531) - 61,088 89,000 177,700	19,334 80,422 93,200	29,995 - 110,417	23,772 - <b>134,189</b>
Beginning Balance Transfer from Basic Retained Earnings Transfer to Basic Retained Earnings Ending Balance Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target	15,175 	- (5,900) 149,800 77,900 149,800	(49,924) 99,876 77,900 155,700	(37,257) 62,619 82,300 164,300	(1,531) - 61,088 89,000 177,700	19,334 80,422 93,200	29,995 - 110,417	23,772 - <b>134,189</b>
Transfer from Basic Retained Earnings Transfer to Basic Retained Earnings Ending Balance Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target	15,175 	- (5,900) 149,800 77,900 149,800	(49,924) 99,876 77,900 155,700	(37,257) 62,619 82,300 164,300	(1,531) - 61,088 89,000 177,700	19,334 80,422 93,200	29,995 - 110,417	23,772 - <b>134,189</b>
Transfer to Basic Retained Earnings Ending Balance Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target	- <b>155,700</b> 77,000 154,000	<b>149,800</b> 77,900 149,800	<b>99,876</b> 77,900 155,700	<b>62,619</b> 82,300 164,300	<b>61,088</b> 89,000 177,700	- <b>80,422</b> 93,200	- 110,417	134,189
Transfer to Basic Retained Earnings Ending Balance Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target	77,000	<b>149,800</b> 77,900 149,800	77,900 155,700	82,300 164,300	89,000 177,700	93,200		
Minimum RSR based on PUB rules Max imum RSR based on PUB rules MPI RSR Target	77,000	77,900 149,800	77,900 155,700	82,300 164,300	89,000 177,700	93,200		
Max imum RSR based on PUB rules MPI RSR Target	154,000	149,800	155,700	164,300	177,700		07 600	
Max imum RSR based on PUB rules MPI RSR Target	154,000	149,800	155,700	164,300	177,700		07 600	
MPI RSR Target				-		400 400	97,000	102,100
	210,000	200,000	200,000	172,000		186,100	194,700	203,600
Retained Earnings	-				172,000	172,000	172,000	172,000
	-							
Beginning Balance		57,983	19,239	-	-	-	-	-
Restatement of Beginning Balance		18,460						
Restated Beginning Balance		76,443						
Net Income (Loss) from annual operations	22,278	(63,104)	(69,163)	(37,257)	(1,531)	19,334	29,995	23,772
Retained Earnings Prior to Transfers	22,278	13,339	(49,924)	(37,257)	(1,531)	19,334	29,995	23,772
Transfer to Rate Stabilization Reserve	(15,175)	-	49,924	37,257	1,531	(19,334)	(29,995)	(23,772
Transfer from Rate Stabilization Reserve	-	5,900	-	-	-	-	-	-
Transfer from Immobilizer Incentive Fund	-	-	-	-	-	-	-	-
Transfer (to) from IT Optimization Fund	65,000		-	-	-	-	-	-
Premium Rebate	(14,120)		-	-	-	-	-	-
	-		-	-	-	-	-	-
Balance of Fund	57,983	19,239			•	•	•	-
IT Optimization Fund								
Beginning Balance	65,000	-	-	-	-	-	-	-
Transfer to Basic Retained Earnings	(65,000)	-	-	-	-	-	-	-
Balance of Fund	-	•			•	•	•	-
Immobilizer Incentive Fund								
Beginning Balance	-	-	-	-	-	-	-	-
Transfer to Basic Retained Earnings	-	-	-	-	-	-	-	-
Balance of Fund	-	-	•	•	•	•	•	•
Total Basic Retained Earnings	\$ 213,683	\$ 169,039	\$ 99,876	\$ 62,619	\$ 61,088	\$ 80.422	\$ 110,417	\$ 134,189

## Manitoba Public Insurance Multi-year Statements - Underwriting Income Base Scenario with -2.0 Year Duration Gap over Five Year Forecast

000s, except where noted)	For the Years Ended February,								
	<u>2012A</u>	<u>2013A</u>	<u>2014A</u>	<u>2015P</u>	<u>2016P</u>	<u>2017P</u>	<u>2018P</u>	<u>2019</u> F	
IC									
Motor Vehicles	760,039	722,774	756,642	795,233	859,397	897,828	937,861	979,588	
Drivers	26,593	32,692	41,520	46,992	51,284	55,427	59,418	62,982	
Reinsurance Ceded	(6,679)	(9,422)	(13,422)	(13,661)	(13,934)	(14,213)	(14,497)	(14,787	
Total Net Premiums Written	779,953	746,044	784,740	828,564	896,747	939,042	982,782	1,027,783	
Net Pr emiums Ear ned									
Motor Vehicles	748,948	739,654	741,077	769,872	829,240	879,765	919,045	959,977	
Drivers	24,037	29,299	37,015	44,330	49,138	53,355	57,422	61,201	
Reinsurance Ceded	(11,308)	(12,202)	(13,422)	(13,722)	(13,934)	(14,213)	(14,497)	(14,787	
Total Net Premiums Earned	761,677	756,751	764,670	800,480	864,444	918,908	961,971	1,006,390	
Service Fees & Other Revenues	18,736	18,452	20,384	19,799	21,079	22,815	24,671	26,786	
Total Earned Revenues	780,413	775,203	785,053	820,279	885,523	941,723	986,641	1,033,176	
Net Claims Incurred	612,037	661,288	747,435	628,842	673,080	729,019	749,355	827,551	
Claims Expense	109,760	108,587	114,552	116,249	120,488	126,012	127,318	138,325	
Road Safety/Loss Prevention	12,982	13,032	12,816	11,350	10,514	10,564	10,606	10,648	
Total Claims Costs	734,779	782,907	874,803	756,441	804,082	865,596	887,279	976,523	
Expenses									
Operating	57,465	63,758	67,982	73,568	74,791	79,063	81,043	87,298	
Commissions	41,034	37,545	32,058	33,496	34,173	35,970	37,450	38,991	
Premium Tax es	22,766	23,069	23,343	24,426	26,351	27,994	29,294	30,635	
Regulatory/Appeal	3,423	3,392	3,765	3,261	3,314	3,380	3,447	3,516	
Total Expenses	124,688	127,764	127,148	134,751	138,630	146,406	151,233	160,440	
- Underwriting Income (Loss)	(79,054)	(135,467)	(216,898)	(70,914)	(57,189)	(70,280)	(51,871)	(103,786	
Investment Income	101,243	72,363	147,735	33,656	55,658	89,613	81,866	127,558	
	101,210	12,000	111,700	00,000	00,000	00,010	01,000	121,000	
Net Income (Loss) from Operations	22,189	(63,104)	(69,163)	(37,257)	(1,531)	19,334	29,995	23,772	
Allocated from Property	89	-	-	-	-	-	-	-	
Transfer from Immobilizer Incentive Fund	-	-	-	-	-	-	-	-	
Net Income (Loss)	22,278	(63,104)	(69,163)	(37,257)	(1,531)	19,334	29,995	23,772	



## Manitoba Public Insurance Multi-year Statements - Balance Sheet Base Scenario with -2.0 Year Duration Gap over Five Year Forecast

(C\$ 000s, except where noted)	For the Years Ended February,								
	<u>2012A</u>	<u>2013A</u>	<u>2014A</u>	<u>2015P</u>	<u>2016P</u>	<u>2017P</u>	<u>2018P</u>	<u>2019</u> F	
BASIC									
Assets									
Cash and investments	1,308,214	1,298,217	1,424,341	1,314,725	1,269,572	1,366,668	1,404,501	1,508,188	
Equity investments	424,986	473,796	600,483	619,999	699,616	673,497	717,785	737,224	
Investment property	161,186	175,142	32,226	31,194	30,949	30,710	30,503	30,357	
Due from other insurance companies	1,956	945	1,755	-	-	-	-		
Accounts receivable	222,487	232,595	235,616	249,289	266,732	277,983	289,586	301,525	
Prepaid ex penses	699	716	731	568	568	568	568	568	
Deferred policy acquisition costs	22,958	3,884	-	-	-	-	-		
Reinsurers' share of unearned premiums	2,779	-	-	-	-	-	-		
Reinsurers' share of unearned claims	23,782	26,130	17,625	-	-	-	-		
Property and equipment	85,275	87,709	80,108	85,033	85,517	83,746	82,549	80,948	
Deferred development costs	33,736	40,884	54,685	70,701	81,714	86,063	90,579	77,606	
· · · · · · · · · · · · · · · · · · ·	2,288,058	2,340,018	2,447,570	2,371,509	2,434,667	2,519,235	2,616,070	2,736,416	
Liabilities									
Due to other insurance companies	4,718	1,114	1,213	1,596	1,596	1,596	1,596	1,596	
Accounts payable and accrued liabilites	32,891	31,827	35,769	35,673	38,169	39,780	41,440	43,148	
Financing lease obligation	3,137	3,091	2,841	3,079	3,020	2,956	2,887	2,814	
Uneamed premiums and fees	393,285	382,507	402,982	438,580	474,105	497,716	522,278	547,717	
Provision for employee current benefits	14,568	14,896	15,389	16,544	17,653	18,782	19,931	21,103	
Provision for employee future benefits	207,912	230,117	235,172	249,058	262,114	276,474	291,389	306,958	
Provision for unpaid claims	1,368,857	1,450,626	1,584,042	1,493,457	1,499,013	1,528,803	1,544,782	1,602,795	
	2,025,368	2,114,178	2,277,408	2,237,988	2,295,671	2,366,106	2,424,303	2,526,131	
Equity									
Retained earnings									
Basic Insurance Retained Earnings									
Rate Stabilization Reserve	155,700	149,800	99,876	62,619	61,088	80,422	110,417	134,189	
Retained Earnings	57,983	19,239	, -	, -	, -	-	-	,	
Information Technology Optimization Fund	-	, -	-	-	-	-	-		
	213,683	169,039	99,876	62,619	61,088	80,422	110,417	134,189	
Accumulated Other Comprehensive Income	49,007	56,800	70,284	70,902	77,909	72,707	81,350	76,096	
Total Equity	262,690	225,839	170,160	133,521	138,997	153,129	191,767	210,285	
	2,288,058	2,340,017	2,447,568	2,371,509	2,434,667	2,519,235	2,616,070	2,736,416	
	2,200,030	2,340,017	2,441,JU0	2,311,309	2,404,007	2,313,233	2,010,070	2,130,410	

