## FINANCIAL REPORTING THROUGH THE LENS OF A PROPERTY/CASUALTY ACTUARY

## Part IV. Statutory Filings to Accompany the Annual Statement

TABLE 86

Example									
Adjusted Book/Carrying Value for Assets Subject to Asset Concentration USD 000									
		Fixed Income Assets		Equity Assets					
				Unaffiliated		_	Total Assets		
		Unaffiliated		Preferred	Unaffiliated	Investment	Subject to		
		Bonds	Collateral	Stocks	Common	Real	Asset		
Issuer Name		Class 2 - 5	Loans	Class 2 - 5	Stock	Estate	Concentration		
1	Asppill Drug				1,200		1,200		
2	Deal Mart		1,000				1,000		
3	U.S. Express	1,000					1,000		
4	MacroHard Inc.	900					900		
5	Dill Computing			900			900		
6	Tropical Beverage Co.	820					820		
7	Popsi Co.			800			800		
8	Texas Oil Inc.	550					550		
9	Westwood Resorts		200			35	235		
10	Dakota Energy	220					220		
11	Bear Pharmaceuticals				200		200		
12	Mediapro	200					200		
13	Pear Computer				100		100		
14	Jane Moose	80					80		
15	KO Media				25	50	75		
Total		3,770	1,200	1,700	1,525	85	8,280		

Only the first ten of these issuers (Asppill Drug through Dakota Energy) are considered in the calculation of the asset concentration factor. The asset concentration charge is computed by multiplying the RBC charge for each asset class by the associated RBC factor for that class. For simplicity, assume that each of the bond investments is class 2 and each of the preferred stock investments is class 3. Table 87 provides the calculation of the asset concentration RBC within  $R_1$  and  $R_2$ .

TABLE 87

Example								
Calculation of Asset Concentration RBC								
	Book/Adjusted		Additional					
Fixed Income Assets	Carrying Value	Factor	RBC					
Class 2 Unaffiliated Bonds	3,490	0.010	35					
Class 3 Unaffiliated Bonds	-	0.020	-					
Class 4 Unaffiliated Bonds	-	0.045	-					
Class 5 Unaffiliated Bonds	-	0.100	-					
Collateral Loans	1,200	0.050	60					
Mortgage Loans	-	0.050	-					
Subtotal Fixed Income	4,690	0.020	95					
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Equity Assets	Carrying Value	Factor	RBC					
Class 2 Unaffiliated Preferred Stock	. = 0.0	0.010	-					
Class 3 Unaffiliated Preferred Stock	1,700	0.020	34					
Class 4 Unaffiliated Preferred Stock	-	0.045	-					
Class 5 Unaffiliated Preferred Stock	-	0.100	-					
Class 2 Unaffiliated Hybrid Securities	-	0.010	-					
Class 3 Unaffiliated Hybrid Securities	-	0.020	-					
Class 4 Unaffiliated Hybrid Securities	-	0.045	-					
Class 5 Unaffiliated Hybrid Securities	-	0.100	-					
Unaffiliated Common Stock	1,200	0.150	180					
Investment Real Estate	35	0.100	4					
Encumbrance on Investment Real Estate	-	0.100	-					
Schedule BA Assets	-	0.050	-					
Receivable for Securities	-	0.050	-					
Aggregate Write-Ins for Invested Assets	-	0.050	-					
Derivatives	-	0.050	-					
Subtotal Equity	2,935	0.074	218					
Grand Total Asset Concentration			312					

The asset concentration for fixed income investments within  $R_1$  is \$95,000 and the asset concentration for equity within  $R_2$  is \$218,000, resulting in a total asset concentration RBC of \$312,000.

## R<sub>1</sub> for Fictitious

To further illustrate the  $R_1$  through  $R_5$  charges, we used the Annual Statement for Fictitious Insurance Company to build a full example of the NAIC calculations<sup>152</sup>. Because Schedule D is

 $<sup>^{152}</sup>$  Note that Fictitious Insurance Company does not have any affiliated entities. Therefore the  $R_0$  charge is zero for Fictitious.