DELAWARE COMPENSATION RATING BUREAU, INC.

Tax Multiplier

CALCULATION OF TAX MULTIPLIER FOR USE IN RETROSPECTIVE RATING PLANS (O/T U.S.L. & H.W. Act Coverages)

Expense Provisions for O/T U.S.L. & H.W. Classes

Losses	60.51
Loss Adjustment Expense	10.50
Loss & Loss Adjustment	71.01
Premium Discount	8.53
	7.18
Acquisition	
General Expenses	3.38
Profit and Contingencies	(0.39)
Taxes	2.37
Uncollectible Premium	2.00
Workers' Compensation Fund	3.50
Administrative Assessment	2.42
	28.99

<u>If</u>

T = Tax multiplier

E = Expense provision in rates (General, Acquisition, and Profit), less premium discount

L = Loss provision in rates

C = Loss conversion factor

B = Assessments made on premiums

A = Assessments made on losses (adjusted so as not to collect profit and general expense dollars on the extra premium generated by the assessments)

Using average discount (Schedule Y) this yields:

$$A = 0.0394 = 0.0400 \times \underbrace{1 - 0.0164 - 0.0787}_{1 - 0.0032 - 0.0787}$$

Then

$$T = E + L (1 + C + A)$$
 $X = \frac{1}{1 - B - S}$