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	64.30
Loss Adjustment Expense	7.97
Loss & Loss Adjustment	72.27
Premium Discount	8.33
Acquisition	9.58
General Expenses	3.17
Profit and Contingencies	(2.55)
Taxes	2.36
Uncollectible Premium	2.00
Workers' Compensation Fund	2.00
Administrative Assessment	2.84
	27.73

<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:

$$ACQ$$
 GEN PROFIT PREM DISC
E = 0.0187 = 0.0958 + 0.0317 + (0.0255) - 0.0833

$$A = 0.0447 = 0.0442 \times \underbrace{1 - 0.0187 - 0.0636}_{1 - 0.0284 - 0.0636}$$

Then

S = Delaware Insurance Plan Subsidy = 0.0045

$$T = \underbrace{0.0187 + 0.6430 (1 + 0.1239 + 0.0447)}_{0.0187 + 0.6430 (1 + 0.1239)} \times \underbrace{1}_{1 - 0.0636 - 0.0045} = 1.1147$$