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	66.35
Loss Adjustment Expense	7.43
Loss & Loss Adjustment	73.78
Premium Discount	8.89
Acquisition	9.96
General Expenses	3.06
Profit and Contingencies	(3.76)
Taxes	2.33
Uncollectible Premium	1.25
Workers' Compensation Fund	2.00
Administrative Assessment	2.51
	26.24

<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:

$$A = 0.0389 = 0.0379 \times 1 - 0.0037 - 0.0558$$
$$1 - 0.0282 - 0.0558$$

Then

$$T = \underbrace{0.0037 + 0.6635 (1 + 0.1117 + 0.0389)}_{0.0037 + 0.6635 (1 + 0.1117)} \times \underbrace{1 - 0.0558 - 0.0101}_{1 - 0.0558 - 0.0101} = 1.1078$$