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	63.32
Loss Adjustment Expense	7.19
Loss & Loss Adjustment	70.51
Premium Discount	11.05
Acquisition	10.30
General Expenses	3.35
Profit and Contingencies	(3.94)
Taxes	2.32
Uncollectible Premium	1.00
Workers' Compensation Fund	3.00
Administrative Assessment	2.41
	29.49

<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 = (0.0134) = 0.1030 + 0.0335 + (0.0394) - 0.1105
A = 0.0396 = 0.0381 x $1 - -0.0134 - 0.0632$

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

$$T = \frac{-0.0134 + 0.6332 (1 + 0.1135 + 0.0396)}{-0.0134 + 0.6332 (1 + 0.1135)} \times \frac{1}{1 - 0.0632 - 0.0077} = 1.1153$$

1 - 0.0227 - 0.0632