

Table 1 - Summary of Terms - Contract #2

Inception Date	1/1/2008
Estimated Subject Premium	10,000,000
Provisional Reinsurance Rate	8.50%
Provisional Premium	800,000
Maintenance Fee	50,000
Retention Limit	250,000
Swing Rate	250,000
Swing Loss Ratio	75.0%
Minimum Rate	6.00%
Maximum Rate	11.00%
Reinsurers Expenses as % of Prem.	
Brokerage	10.0%
Underwriting Exp.	7.0%
Federal Excise Taxes	1.0%
Modeled Loss Ratio	120.0%

Table 2 - Simulation Assumptions

Model Severity ALAE	Model Frequency	
Lognormal distribution	Poisson distribution	250
Mean	30,000	
Standard Deviation	120,000	
Minimum Loss	0	

Table 3 - Results

Frequency	Sum of Col (10) / 10,000	10.4%
Severity	Sum of Col (9) / Sum of Col (10)	-20.1%
ERD as a % of Reins Prem.	ERD / Reinsurance Premium	-2.09%

Table 4 - Percentiles

	NPV Of Reinsurer Loss
Percentile	
75%	0.0%
80%	0.0%
90%	-1.0%
95%	-16.5%

Claim #	Direct Loss and LAE (1)	Ceded Loss and LAE (2)	NPV Ceded Loss and LAE (3)	Provisional Premium (4)	Experience Adjustment (5)	Commutation Fee (6)	Final Premium and Fees (7)	NPV Treaty Premium Net of Rate Swing (8)	NPV Reinsurer Gain/Deficit (9)	NPV Reinsurer Deficit as a % of NPV of Treaty Premium (10)	Frequency of Deficit (11)
1	1,758	0	0	800,000	250,000	50,000	1,100,000	1,056,133	204,656	0.00%	0
2	3,566	0	0								
3	2,762	0	0								
4	15,271	0	0								
5	5,648	0	0								
6	11,158	0	0								
7	39,765	0	0								
8	326,745	76,745	68,050								
9	36,936	0	0								
10	10,469	0	0								

Column

- (1) Based upon the model assumptions in Table 2
- (2) Ceded loss based upon the treaty terms
- (3) Col (2) x Appendix B, Page 3
- (4) Estimated subject premium times provisional reinsurance rate
- (5) Actual modeled loss ratio minus swing loss ratio + provisional reinsurance rate; subject to Maximum and Minimum rate
- (6) Assumes fee to commute under all scenarios
- (7) (4) + (5) + (6)
- (8) Page 2 Col (4b) + Col (5) / [(1 + Interest rate) ^ 2.0833] + Col (6) / [(1 + Interest rate) ^ 5.0833]
- (9) Col (8) - sum of Col (3)
- (10) If Col (9) < 0 then Col (9) / Col (8) else 0
- (11) If Col (9) < 0 then 1 else 0

Discount Rate Assumption:

(1)	Interest Rate	3.5%
(2)	Discount Factor	0.976

<u>Time of Payments in Months</u>	<u>Premium</u>	<u>NPV of Premium</u>
(3)	(4a)	(4b)
4	200,000	197,720
7	200,000	196,027
10	200,000	194,348
13	200,000	192,684
Total	800,000	780,778

<u>Column/Row</u>	<u>Note</u>
(1)	Selected
(2)	Total Col (4b) / Total Col (4a)
(3)	Month premium is due, assumes quarterly payments due one month after quarter end
(4a)	Reinsurance Premium divided by 4, assumes quarterly payments
(4b)	$\text{Col (4a)} / \{[1 + \text{Col (1)}] ^ (\text{Col (3)} / 12)\}$

Discount Rate Assumption:

(1)	Interest Rate	3.5%
(2)	Discount Factor	0.887

Years of <u>Maturity</u>	<u>% of Ultimate Paid</u>		<u>Discounted</u>
(3)	<u>Cum.</u>	<u>Incr.</u>	<u>Payment</u>
(4)	(5)	(6)	(7)
0	0.00%	0.00%	0.00%
1	19.27%	19.27%	18.94%
2	42.02%	22.75%	21.61%
3	58.15%	16.13%	14.80%
4	68.72%	10.57%	9.37%
5	75.41%	6.69%	5.73%
6	79.71%	4.29%	3.55%
7	82.97%	3.27%	2.61%
8	85.24%	2.27%	1.76%
9	87.01%	1.76%	1.32%
10	88.41%	1.40%	1.01%
11	95.50%	7.09%	4.94%
12	100.00%	4.50%	3.03%
13	100.00%	0.00%	0.00%

<u>Column/Row</u>	<u>Note</u>
(1)	Selected
(2)	Sum Col (6) / Sum of Col (5)
(4)	Industry workers compensation benchmarks
(5)	Current (4) - prior (4)
(6)	Col (5) discounted to time zero