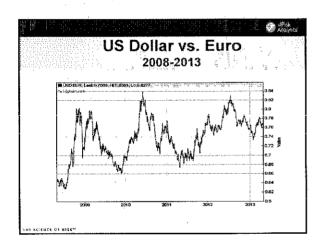
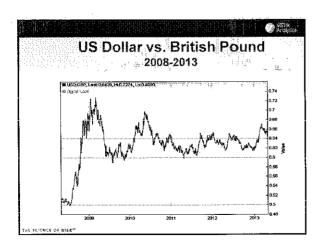
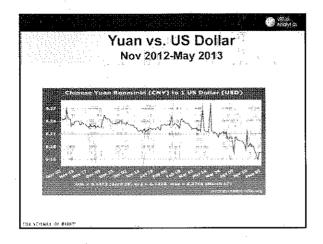


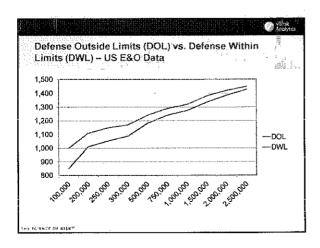
A140000	:: : : : : : : : : : : : : : : : : : :	NATIONAL SERVICE DE LA COMPANIONE DE LA CO	Comparis	
Country	Litigation Cost is	Loser Pa , of	ys? Class Action Mechanism?	Givil Jury Triais?
USA	2.2	no		
USA	4.4		yes	yes
Canada	0.8	yes	yes (in some provinces)	yes (in some provinces)
UK	0.7	yes	no	Almost none
Germany	1.1	yes	no	No
France	0.7	yes	Νο	No
Australia	: 1.1	yes	ves	Yes (in some

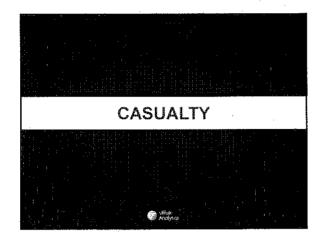






Example of Wording/Coverage Differences "U.S. Defense Costs" *Standard CGL policies have defense costs outside policy limits *For some lines (D&O, E&O), defense costs are within limits or even offer both scenarios depending on market conditions

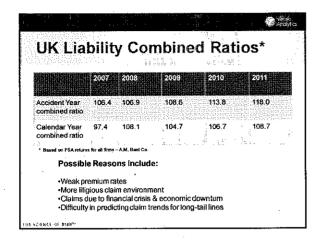


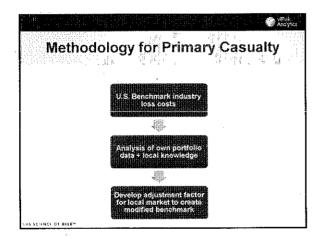


U. S. Casualty Primary Market

- Industry benchmark loss costs for 1,100 occupancy classes for Prem/Ops & Products Liability along with ILF's
- Similar information available for Motor, Professional Indemnity, EPL, Cyber, etc.

Primary Pricing Models Scenario #1 Scenario #2 Scenario #3 Global portfolios with risks in many Risks outside the U.S. with · Risks located outside the U.S. with local Products risk exposure countries Liability exposure to U.S. incl./excl. U.S. Actuaries building internal models to develop technical pricing benchmark that local underwriter can use



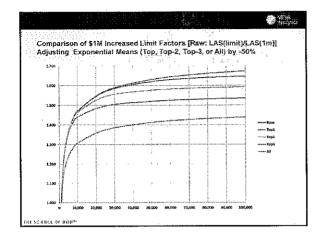


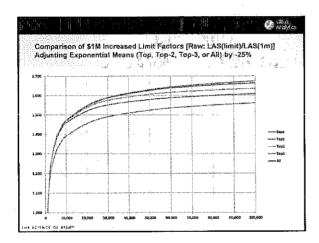
Global Casualty Excess/Reir	surance	Pricing	
	1.	ASE,	
•European ILF Method			
o Rule of thumb is that CSP's to higher la	yers are a fac	tor of 1+x:	
-if limit = \$2M then assume cost = (1- -if limit = \$4M then assume cost = (1+			
Parameter is based on expert jud data	gment, no	t fitting of	

ISO Global Benchmarking Service Initiative Initial Focus on Reinsurance/Excess Pricing Goal is to export the U.S. Methodology & Modify for International use •Ideal is to collect non-US data to use along with U.S. ·Alternately, can adapt U.S. distributions for international use · Adjust individual exponential distributions to alter curves Adjust the Pareto smoothing method to allow for different Pareto curves over different loss layers ISO (U.S.) Increased Limits Methodology eestato, o, dilib · Large database used to create Distribution of Losses (Indemnity or Indemnity plus ALAE) oEmpirical Distribution is Smoothed with Pareto oSmoothed Empirical is fit to a Mixture of **Exponential Distributions** oFinal product presents a good fit through \$10M, and continues to fit the Pareto well through \$100M oOver 125 different commercial casualty ILF curves PARR TO CHECK SET Global Benchmarking Service (GBS) Alternative # 1 Using U.S.-Based Curves Alternative curves based on percentage adjustments to 2,500 the exponential means of a 5,000 sample GL curve: 10,000 ·adjust top 1, 2 or 3 layers 50,000 o by -50% 500,000 o by -25% 1,000,000 10,000,000 25,000,000

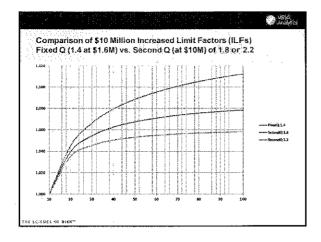
100,000,000

THE SCHMILE OF MISSES





8.	
	Global Benchmarking Service (GBS)
	Alternative # 2 Using U.SBased Curves
	Can modify Pareto Smoothing Method above \$10M for assumption of less severe curve
	oExample U.S. GL Curve - initial Pareto smoothing begins at \$1.6M limit with Pareto Q of 1.40
	oTwo alternative curves - select Pareto Q's of 1.80 and 2.20 to smooth the curve above the \$10M limit
Tel	sc. taute (15 resemb



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